STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: **14-20-H62-5500 (EDA)** | 6. SURFACE: **FEE**

1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐

B. TYPE OF WELL: OIL ☑ GAS ☐ OTHER _____ SINGLE ZONE ☑ MULTIPLE ZONE ☐

7. IF INDIAN, ALLOTTEE OR TRIBE NAME: **UTE**

8. UNIT or CA AGREEMENT NAME: **N/A**

2. NAME OF OPERATOR: **BERRY PETROLEUM COMPANY**

9. WELL NAME and NUMBER: **LC TRIBAL 9-6-56**

3. ADDRESS OF OPERATOR: **RT. 2 BOX 7735** CITY **ROOSEVELT** STATE **UTAH** ZIP **84066**

PHONE NUMBER: **(435)722-1325**

10. FIELD AND POOL, OR WILDCAT: Undesignated [redacted]

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: **2022' FSL, 750' FEL** 534568X 4435829Y 40.073907 -110.594608 NAD 27 40.074094 LAT 110.594531 LONG

AT PROPOSED PRODUCING ZONE: **SAME AS ABOVE**

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
(NE/SE)
SEC. 6, T5S, R6W
U.S.B.&M.

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE:
19.9 MILES FROM DUCHESNE, UTAH

12. COUNTY: **DUCHESNE** | 13. STATE: **UTAH**

15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF ACRES IN LEASE:	17. NUMBER OF ACRES ASSIGNED TO THIS WELL:
750'	80.00	40
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)	**19. PROPOSED DEPTH:**	**20. BOND DESCRIPTION:**
N/A	4875'	RLB0005651
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):	**22. APPROXIMATE DATE WORK WILL START:**	**23. ESTIMATED DURATION:**
6462' GR	REFER TO BPC SOP PLAN	REFER TO BPC SOP PLAN

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8 J-55 STC 24#	300'	TYPE III + ADDITIVES	130 SX	1.43 CF/SK	14.3 PPG
7 7/8	5 1/2 J-55 LTC 15.5#	3000'	HI-FILL MODIFIED+ADDITIVES	219 SX	3.43 CF/SK	11.0 PPG
		TD	65/35 POZ+6% GEL+3% KCL+ADDITIVES	159 SX	1.91 CF/SK	13.0 PPG
			NOTE: ACTUAL VOLUMES PUMPED WILL BE CALIPER HOLE VOLUME+25% EXCESS			

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER

☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

☑ COMPLETE DRILLING PLAN **(BPC SOP ON FILE WITH STATE)**

☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) **SHELLEY CROZIER** TITLE **REGULATORY AND PERMITTING SPECIALIST**

SIGNATURE Shelley Crozier DATE **03/30/07**

This space for State use only)

API NUMBER ASSIGNED: 43-013-33606

Approved by the Utah Division of Oil, Gas and Mining

RECEIVED
APR 02 2007
DIV. OF OIL, GAS & MINING

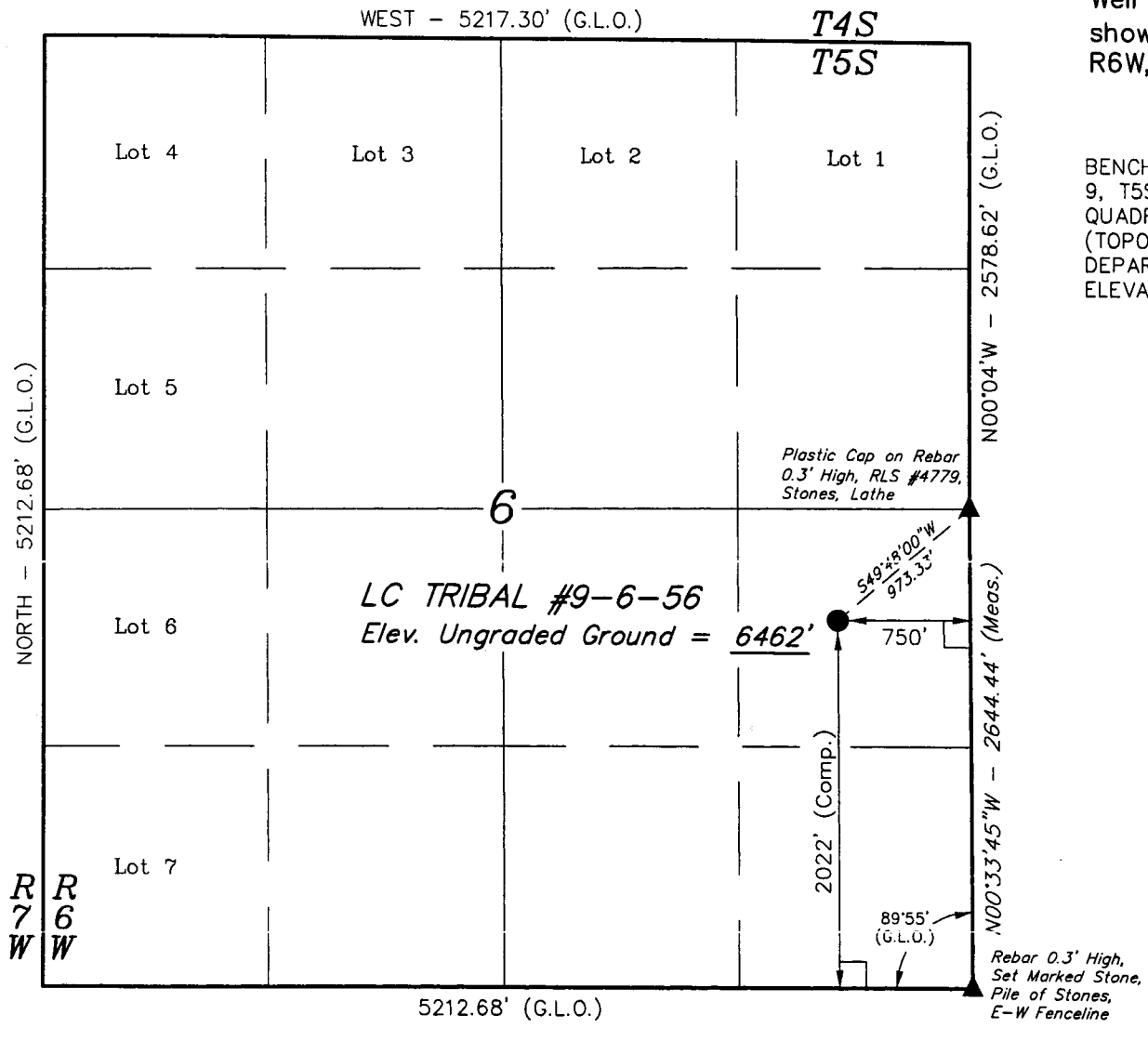
(11/2001) (See Instructions on Reverse Side)

Date: 05-16-07

By:

Federal Approval of this Action is Necessary

T5S, R6W, U.S.B.&M.

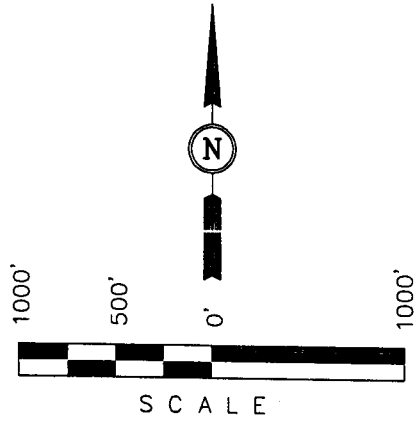


BERRY PETROLEUM COMPANY

Well location, LC TRIBAL #9-6-56, located as shown in the NE 1/4 SE 1/4 of Section 6, T5S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH — KAY — REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

(NAD 83)
LATITUDE = 40°04'26.59" (40.074053)
LONGITUDE = 110°35'42.87" (110.595242)
(NAD 27)
LATITUDE = 40°04'26.74" (40.074094)
LONGITUDE = 110°35'40.31" (110.594531)

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 12-7-06	DATE DRAWN: 12-22-06
PARTY: J.W. B.D. K.G.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: BERRY PETROLEUM COMPANY	

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC Tribal 9-6-56
NE 1/4, SE 1/4, 2022' FSL 750' FEL, Section 6, T. 5 S., R. 6 W., U.S.B.&M.
Lease 14-20-H62-5500 (EDA)
Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.

Shelley Crozier
Regulatory and Permitting Specialist
Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
435-722-1325

BERRY PETROLEUM COMPANY
LC Tribal 9-6-56
Surface location NE 1/4, SE 1/4, 2022' FSL 750' FEL, Section 6, T. 5 S., R. 6 W., U.S.B.&M.
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth
Uinta	surface
Green River	431'
Green River Upper Marker	767'
Mahogany	1,457'
Tgr3 Marker	2,488'
Douglas Creek	3,256'
*Black Shale	3,923'
*Castle Peak	4,226'
Uteland Butte Ls.	4,535'
Wasatch	4,775'
TD	4,875'
Base of Moderately Saline Water (less than 10,000 ppm)	4,921'

*PROSPECTIVE PAY

3 Pressure Control Equipment : (Schematic Attached)

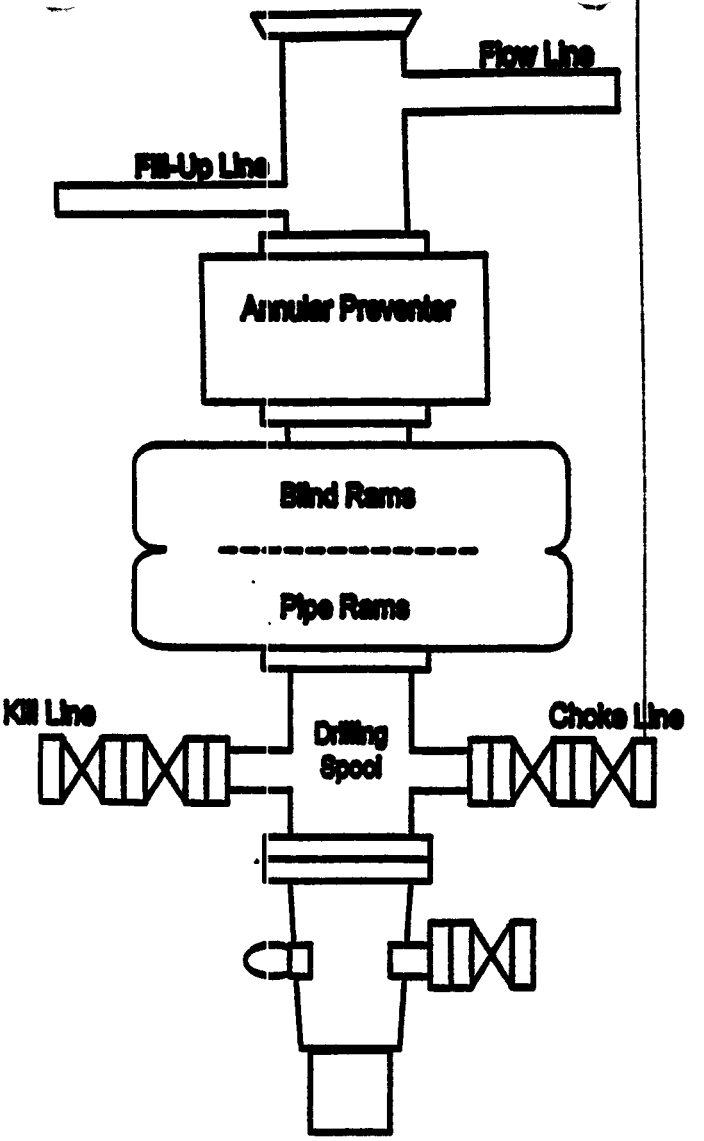
The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc. A 2M system will be utilized. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to representative upon request.

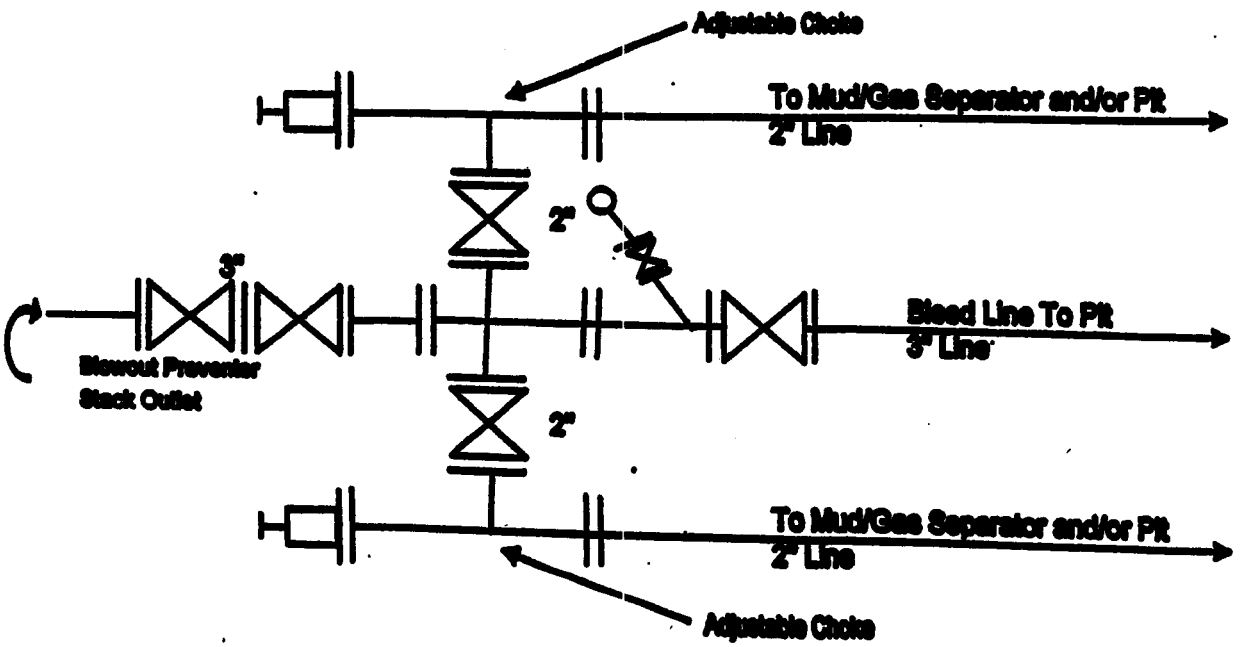
The anticipated bottom hole pressure will be less than 3,000 psi.

Depth Intervals	BOP Equipment
0 – 300'	No Pressure Control
300 – 4875'	9" 2000# Ram Type BOP 9" 2000# Annular BOP

BOP Diagram



2,000 PSI Choke Manifold Equipment



4 Proposed Casing and Cementing Program

The proposed Casing Program will be as follows:

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	300'	12 ¼"	8-5/8"	J-55	ST&C	24#
Production	4875'	7-7/8"	5-1/2"	J-55	LT&C	15.5#

Surface	Fill	Type & Amount
0' – 300'	300'	Approximately 130 SX Premium Plus (Type III) + additives or a similar slurry with a minimum weight of 14.3 ppg and approximate yield of 1.43 cf/sk, minimum 24 hr compressive strength = 500 psi (Cement will be circulated to surface and topped off, if necessary.)

Production with lost circulation	Type & Amount
0 – 4875'	SEE ATTACHED CEMENT PROCEEDURE

Production without lost circulation	**Type & Amount**
0 – 4875'	SEE ATTACHED CEMENT PROCEEDURE

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 25% excess.

5 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
0' – 300'	8.6	27	NC	Spud Mud or air
300'-4875'	8.6	27	NC	KCL Water

6 Evaluation Program

Logging Program:	HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.
Sampling:	10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.
Surveys:	As deemed necessary
Mud Logger:	As deemed necessary
Drill Stem Tests:	As deemed necessary
Cores:	As deemed necessary

7 Abnormal Conditions

No abnormal temperatures or pressures or other hazards are anticipated.

8 Anticipated Starting Dates and Notification of Operations

Drilling Activity:

Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 6 days.
Completion Days:	Approximately 7 days.

BERRY PETROLEUM COMPANY
LC Tribal 9-6-56
Surface location NE 1/4, SE 1/4, 2022' FSL 750' FEL, Section 6, T. 5 S., R. 6 W., U.S.B.&M.
Duchesne County, Utah

ONSHORE ORDER NO. 1

MULTI POINT SURFACE USE & OPERATIONS PLAN

1 Existing Roads

To reach the Berry Petroleum Company well, LC Tribal 9-6-56, in Section 6-T5S-R6W

Start in Duchesne, Utah. Proceed southwest on US Highway 40. Travel west 8.3 miles to the first 2 track turnoff going south (CR 20) right after Starvation reservoir. Travel 5.7 along this road turning westward, at fork in road go south approximately 5.9 miles .

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

2 Planned Access Road

See Topographic Map "B" for the location of the proposed access road.

3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1mile radius.

4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required paint color is desert brown (10YR 6/4) unless otherwise designated by the Authorized Officer.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank. The site specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the Authorized Agency Officer's approval to meet SPCC requirements.

A description of the proposed pipeline and a map illustrating the proposed route is attached.

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval form the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W.

6 Source of Construction Materials

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

7 Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Upon well completion, weather permitting (summer months), any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless otherwise specified, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined at the onsite that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.
Reserve pit leaks are considered an unacceptable and undesirable event and will be orally reported to the Authorized Agency Officer.

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, confined to the approved pit or storage tank for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

Production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig (weather permitting).

Any open pits will be fenced during the operations. The fencing will be maintained with best efforts until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

8 Ancillary Facilities

There are no ancillary facilities planned for at this time and none are foreseen in the future.

9 Wellsite Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s)

10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan prior to construction activities.

Upon well completion, within a reasonable time, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be folded, torn, and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting. Once reclamation activities have begun, the activities will be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The object is to keep seasonal rainfall and runoff from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert runoff as needed.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil is noted on the location plat attached. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

The Authorized Agency Officer shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done.
At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of

0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

11 Surface Ownership

Division of Wildlife
1594 W. North Temple, Suite 2110
Salt Lake City, Utah 84114-6301
1-801-538-4792

12 Other information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Authorized Agency or the appropriate County Extension Office.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on administered lands after the conclusion of drilling operations or at any other time without authorization by the Authorized Agency Officer. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted to only approved travel routes.

A class III archaeological survey will be conducted on all lands, unless landowner waives rights for archaeological survey. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Agency Officer.

Within five working days, the Authorized Agency Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places;
The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and,

The time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Agency Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Agency Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Agency Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

All Surface Use Conditions of Approval associated with the Landowner Surface Use Agreement and Environmental Analysis Mitigation Stipulations will be adhered to.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section, the section, township, and range).

13 Operator's Representative and Certification

A) Representative

NAME: Shelley Crozier

ADDRESS: Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066

PHONE: 435-722-1325

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and onshore oil and gas orders. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

March 30, 2007
DATE

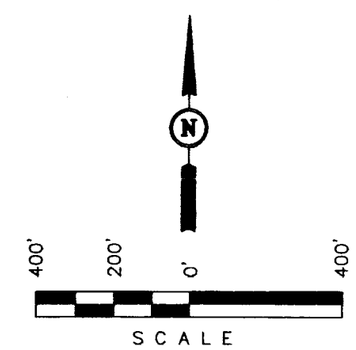
Shelley Crozier
Shelley Crozier
Permitting and Regulatory Specialist
Berry Petroleum Company

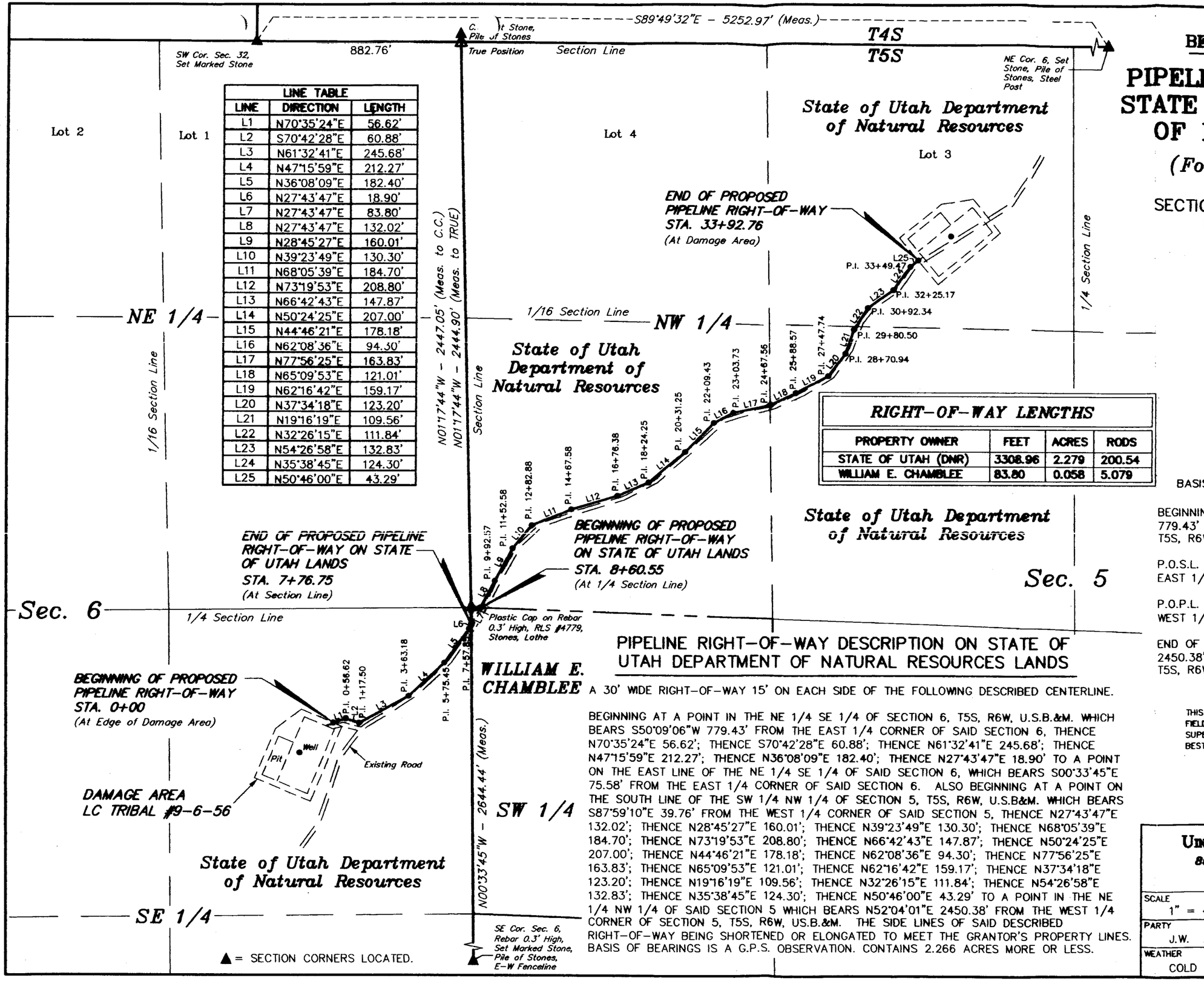
BERRY PETROLEUM COMPANY

PIPELINE RIGHT-OF-WAY ON STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

(For LC TRIBAL #9-6-56)

LOCATED IN
SECTION 5 & 6, T5S, R6W, U.S.B.&M.
DUCHESNE COUNTY, UTAH





LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N70°35'24"E	56.62'
L2	S70°42'28"E	60.88'
L3	N61°32'41"E	245.68'
L4	N47°15'59"E	212.27'
L5	N36°08'09"E	182.40'
L6	N27°43'47"E	18.90'
L7	N27°43'47"E	83.80'
L8	N27°43'47"E	132.02'
L9	N28°45'27"E	160.01'
L10	N39°23'49"E	130.30'
L11	N68°05'39"E	184.70'
L12	N73°19'53"E	208.80'
L13	N66°42'43"E	147.87'
L14	N50°24'25"E	207.00'
L15	N44°46'21"E	178.18'
L16	N62°08'36"E	94.30'
L17	N77°56'25"E	163.83'
L18	N65°09'53"E	121.01'
L19	N62°16'42"E	159.17'
L20	N37°34'18"E	123.20'
L21	N19°16'19"E	109.56'
L22	N32°26'15"E	111.84'
L23	N54°26'58"E	132.83'
L24	N35°38'45"E	124.30'
L25	N50°46'00"E	43.29'

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
STATE OF UTAH (DNR)	3308.96	2.279	200.54
WILLIAM E. CHAMBLEE	83.80	0.058	5.079

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

BEGINNING OF PIPELINE STA. 0+00 BEARS S50°09'06"W 779.43' FROM THE EAST 1/4 CORNER OF SECTION 6, T5S, R6W, U.S.B.&M.

P.O.S.L. 7+76.75 BEARS S00°33'45"E 75.58' FROM THE EAST 1/4 CORNER OF SECTION 6, T5S, R6W, U.S.B.&M.

P.O.P.L. 8+60.55 BEARS S87°59'10"E 39.76' FROM THE WEST 1/4 CORNER OF SECTION 5, T5S, R6W, U.S.B.&M.

END OF PIPELINE STA. 33+92.76 BEARS N52°04'01"E 2450.38' FROM THE WEST 1/4 CORNER OF SECTION 5, T5S, R6W, U.S.B.&M.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 SE 1/4 OF SECTION 6, T5S, R6W, U.S.B.&M. WHICH BEARS S50°09'06"W 779.43' FROM THE EAST 1/4 CORNER OF SAID SECTION 6, THENCE N70°35'24"E 56.62'; THENCE S70°42'28"E 60.88'; THENCE N61°32'41"E 245.68'; THENCE N47°15'59"E 212.27'; THENCE N36°08'09"E 182.40'; THENCE N27°43'47"E 18.90' TO A POINT ON THE EAST LINE OF THE NE 1/4 SE 1/4 OF SAID SECTION 6, WHICH BEARS S00°33'45"E 75.58' FROM THE EAST 1/4 CORNER OF SAID SECTION 6. ALSO BEGINNING AT A POINT ON THE SOUTH LINE OF THE SW 1/4 NW 1/4 OF SECTION 5, T5S, R6W, U.S.B&M. WHICH BEARS S87°59'10"E 39.76' FROM THE WEST 1/4 CORNER OF SAID SECTION 5, THENCE N27°43'47"E 132.02'; THENCE N28°45'27"E 160.01'; THENCE N39°23'49"E 130.30'; THENCE N68°05'39"E 184.70'; THENCE N73°19'53"E 208.80'; THENCE N66°42'43"E 147.87'; THENCE N50°24'25"E 207.00'; THENCE N44°46'21"E 178.18'; THENCE N62°08'36"E 94.30'; THENCE N77°56'25"E 163.83'; THENCE N65°09'53"E 121.01'; THENCE N62°16'42"E 159.17'; THENCE N37°34'18"E 123.20'; THENCE N19°16'19"E 109.56'; THENCE N32°26'15"E 111.84'; THENCE N54°26'58"E 132.83'; THENCE N35°38'45"E 124.30'; THENCE N50°46'00"E 43.29' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 5 WHICH BEARS N52°04'01"E 2450.38' FROM THE WEST 1/4 CORNER OF SECTION 5, T5S, R6W, US.B.&M. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 2.266 ACRES MORE OR LESS.

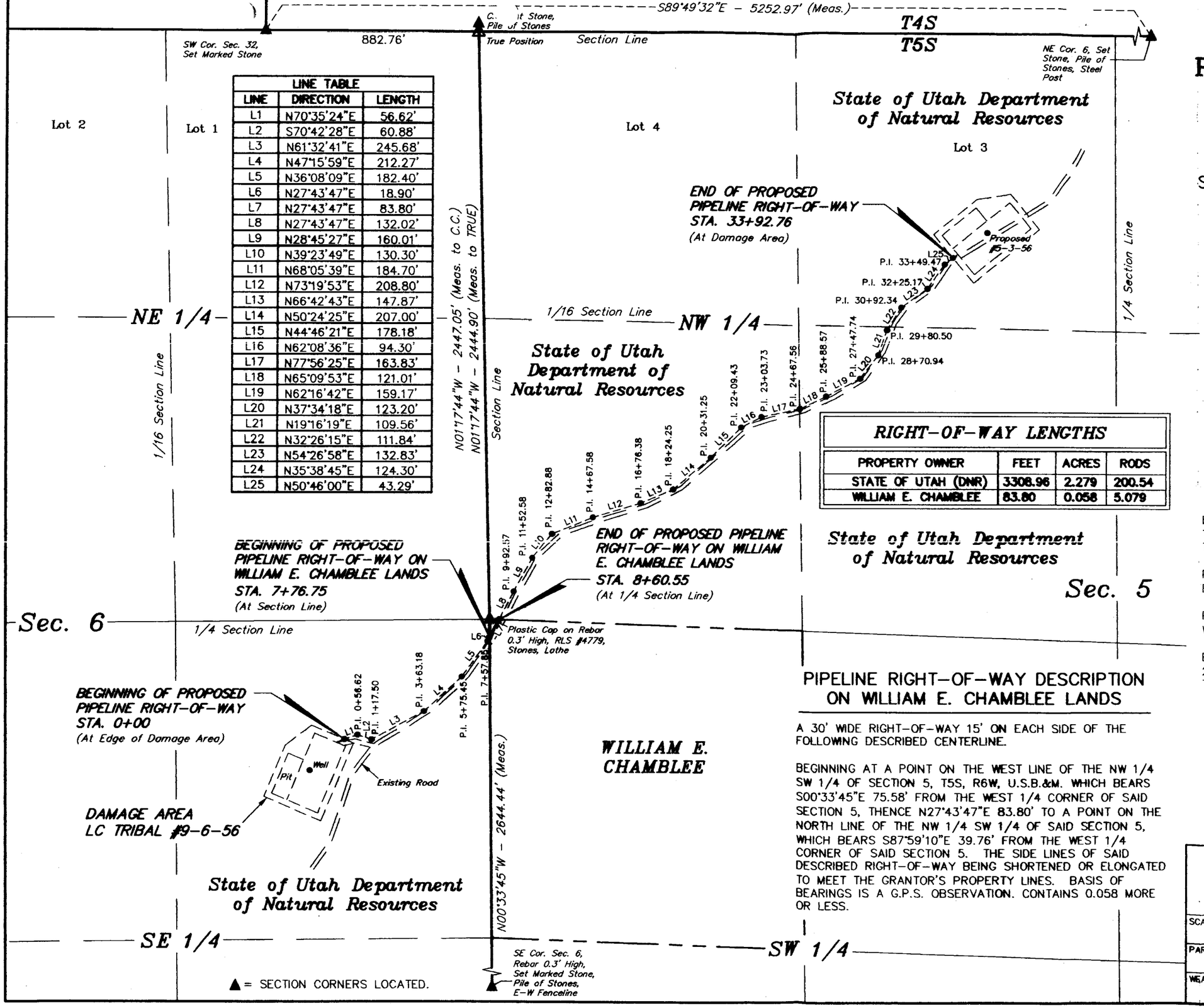
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 161319
ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 400'	DATE 1-12-07
PARTY J.W. A.A. K.G.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 48152



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N70°35'24"E	56.62'
L2	S70°42'28"E	60.88'
L3	N61°32'41"E	245.68'
L4	N47°15'59"E	212.27'
L5	N36°08'09"E	182.40'
L6	N27°43'47"E	18.90'
L7	N27°43'47"E	83.80'
L8	N27°43'47"E	132.02'
L9	N28°45'27"E	160.01'
L10	N39°23'49"E	130.30'
L11	N68°05'39"E	184.70'
L12	N73°19'53"E	208.80'
L13	N66°42'43"E	147.87'
L14	N50°24'25"E	207.00'
L15	N44°46'21"E	178.18'
L16	N62°08'36"E	94.30'
L17	N77°56'25"E	163.83'
L18	N65°09'53"E	121.01'
L19	N62°16'42"E	159.17'
L20	N37°34'18"E	123.20'
L21	N19°16'19"E	109.56'
L22	N32°26'15"E	111.84'
L23	N54°26'58"E	132.83'
L24	N35°38'45"E	124.30'
L25	N50°46'00"E	43.29'

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
STATE OF UTAH (DNR)	3308.96	2.279	200.54
WILLIAM E. CHAMBLEE	83.80	0.058	5.079

PIPELINE RIGHT-OF-WAY DESCRIPTION ON WILLIAM E. CHAMBLEE LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

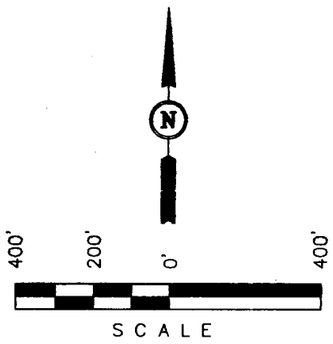
BEGINNING AT A POINT ON THE WEST LINE OF THE NW 1/4 SW 1/4 OF SECTION 5, T5S, R6W, U.S.B.&M. WHICH BEARS S00°33'45"E 75.58' FROM THE WEST 1/4 CORNER OF SAID SECTION 5, THENCE N27°43'47"E 83.80' TO A POINT ON THE NORTH LINE OF THE NW 1/4 SW 1/4 OF SAID SECTION 5, WHICH BEARS S87°59'10"E 39.76' FROM THE WEST 1/4 CORNER OF SAID SECTION 5. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.058 MORE OR LESS.

BERRY PETROLEUM COMPANY

PIPELINE RIGHT-OF-WAY ON FEE LANDS

(For LC TRIBAL #9-6-56)

LOCATED IN
SECTION 5 & 6, T5S, R6W, U.S.B.&M.
DUCHESNE COUNTY, UTAH



BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

BEGINNING OF PIPELINE STA. 0+00 BEARS S50°09'06"W 779.43' FROM THE EAST 1/4 CORNER OF SECTION 6, T5S, R6W, U.S.B.&M.

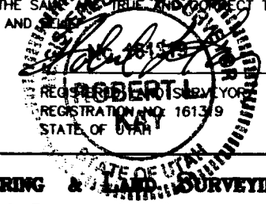
P.O.S.L. 7+76.75 BEARS S00°33'45"E 75.58' FROM THE EAST 1/4 CORNER OF SECTION 6, T5S, R6W, U.S.B.&M.

P.O.P.L. 8+60.55 BEARS S87°59'10"E 39.76' FROM THE WEST 1/4 CORNER OF SECTION 5, T5S, R6W, U.S.B.&M.

END OF PIPELINE STA. 33+92.76 BEARS N52°04'01"E 2450.38' FROM THE WEST 1/4 CORNER OF SECTION 5, T5S, R6W, U.S.B.&M.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH - 200 EAST • (435) 789-1017
VERNAL, UTAH - 84078

SCALE 1" = 400'	DATE 1-12-07
PARTY J.W. A.A.. K.G.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE 48152

Proposal No: 179967813A

Berry Petroleum Co
LC TRIBAL 9-6-56

Unnamed Field
sec 6 T5S R6W
Duchesne County, Utah
February 21, 2007

Cement Recommendation

Prepared for:
Tim McDonald
Berry Petroleum Co.

Prepared by:
KRISTIAN M COZYRIS
Region Engineer
Denver, Colorado

THE BLUE WELLBORE℠
Makes better wells

Service Point:
Vernal
Bus Phone: (435) 781-2294
Fax: (435) 789-4530

Service Representatives:
Darrin Bailey
Senior Sales Rep
Vernal, Utah
Bus Phone: (435) 781-2294
Mobile: (435) 828-4104

Operator Name: Berry Petroleum
Well Name: LC TRIBAL 9-6-
Job Description: Cement 5-1/2 inch Production Casing
Date: February 21, 2007

Proposal No: 179967813A

JOB AT A GLANCE

Depth (TVD)	4,875 ft
Depth (MD)	4,875 ft
Hole Size	7.875 in
Casing Size/Weight :	5 1/2 in, 15.5 lbs/ft
Pump Via	
Total Mix Water Required	5,967 gals
Pre-Flush	
Fresh Water	10 bbls
Density	8.3 ppg
Spacer	
KCl Water	10 bbls
Density	8.4 ppg
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
PL2+SF+3#CSE+3%KCL+0.25	219 sacks
Density	11.0 ppg
Yield	3.43 cf/sack
Tail Slurry	
50:50:2+3%KCL+0.5%EC-	240 sacks
Density	14.3 ppg
Yield	1.27 cf/sack
Displacement	
Fresh Water	115 bbls
Density	8.3 ppg

Operator Name: Berry Petroleum Co
Well Name: LC TRIBAL 9-6-..
Job Description: Cement 5-1/2 inch Production Casing
Date: February 21, 2007

Proposal No: 179967813A

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	342	342
7.875 HOLE	4,875	4,875

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.950	15.5	4,875	4,875

Float Collar set @	4,835 ft
Mud Density	8.40 ppg
Mud Type	Water Based
Est. Static Temp.	131 ° F
Est. Circ. Temp.	106 ° F

VOLUME CALCULATIONS

342 ft	x	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,158 ft	x	0.1733 cf/ft	with	25 % excess	=	685.0 cf
1,375 ft	x	0.1733 cf/ft	with	25 % excess	=	297.8 cf
40 ft	x	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)
				TOTAL SLURRY VOLUME	=	1054.0 cf
					=	188 bbls

Confirm well data with customer representative prior to pumping.

Operator Name: Berry Petroleum
Well Name: LC TRIBAL 9-6-5b
Job Description: Cement 5-1/2 inch Production Casing
Date: February 21, 2007

Proposal No: 179967813A

FLUID SPECIFICATIONS

Pre-Flush	10.0 bbls Fresh Water @ 8.34 ppg
Spacer	10.0 bbls KCl Water @ 8.4 ppg
Spacer	20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	751	/ 3.4	= 219 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3 lbs/sack CSE + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 201.6% Fresh Water
Tail Slurry	303	/ 1.2	= 240 sacks (50:50) Poz (Fly Ash):Class G Cement + 0.05 lbs/sack Static Free + 3% bwow Potassium Chloride + 0.5% bwoc EC-1 + 0.25 lbs/sack Cello Flake + 0.002 gps FP-6L + 2% bwoc Bentonite + 0.3% bwoc Sodium Metasilicate + 56.3% Fresh Water

Displacement 115.1 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	14.30
Slurry Yield (cf/sack)	3.43	1.27
Amount of Mix Water (gps)	21.03	5.67
Amount of Mix Fluid (gps)	21.03	5.67
Estimated Pumping Time - 70 BC (HH:MM)	4:30	3:30
COMPRESSIVE STRENGTH		
24 hrs @ 144 ° F (psi)		2300
72 hrs @ 144 ° F (psi)		2550

Compressive strengths and thickening times are estimates only. Final laboratory testing will determine retarder loadings, if necessary.

Slurry volumes are based off of 25% excess with gauge hole.

Proposal No: 179967825A

Berry Petroleum Co
LC TRIBAL 9-6-56

Unnamed Field
sec 6 T5S R6W
Duchesne County, Utah
February 21, 2007

Cement Recommendation

Prepared for:
Tim McDonald
Berry Petroleum Co.

Prepared by:
KRISTIAN M COZYRIS
Region Engineer
Denver, Colorado

THE BLUE WELLBORE℠
Makes better wells

Service Point:
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Bus Phone: (435) 781-2294
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Service Representatives:
Darrin Bailey
Senior Sales Rep
Vernal, Utah
Bus Phone: (435) 781-2294
Mobile: (435) 828-4104

Operator Name: Berry Petroleum
Well Name: LC TRIBAL 9-6-56
Job Description: Cement 5-1/2 inch Production Casing
Date: February 21, 2007

Proposal No: 179967825A

JOB AT A GLANCE

Depth (TVD)	4,875 ft
Depth (MD)	4,875 ft
Hole Size	7.875 in
Casing Size/Weight :	5 1/2in, 15.5 lbs/ft
Pump Via	
Total Mix Water Required	6,132 gals
Pre-Flush	
Fresh Water	10 bbls
Density	8.3 ppg
Spacer	
KCl Water	10 bbls
Density	8.4 ppg
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
Premium Lite II	219 sacks
Density	11.0 ppg
Yield	3.43 cf/sack
Tail Slurry	
Premium Lite II HS+ additives	159 sacks
Density	13.0 ppg
Yield	1.91 cf/sack
Displacement	
Fresh Water	115 bbls
Density	8.3 ppg

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.097 CASING	342	342
7.875 HOLE	4,875	4,875

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
5.500	4.950	15.5	4,875	4,875

Float Collar set @	4,835 ft
Mud Density	8.40 ppg
Mud Type	Water Based
Est. Static Temp.	131 ° F
Est. Circ. Temp.	106 ° F

VOLUME CALCULATIONS

342 ft	x	0.1926 cf/ft	with	0 % excess	=	65.9 cf
3,158 ft	x	0.1733 cf/ft	with	25 % excess	=	685.0 cf
1,375 ft	x	0.1733 cf/ft	with	25 % excess	=	297.8 cf
40 ft	x	0.1336 cf/ft	with	0 % excess	=	5.3 cf (inside pipe)
				TOTAL SLURRY VOLUME	=	1054.0 cf
					=	188 bbls

Confirm well data with customer representative prior to pumping.

Operator Name: Berry Petroleum
Well Name: LC TRIBAL 9-6-56
Job Description: Cement 5-1/2 inch Production Casing
Date: February 21, 2007

Proposal No: 179967825A

FLUID SPECIFICATIONS

Pre-Flush	10.0 bbls Fresh Water @ 8.34 ppg
Spacer	10.0 bbls KCl Water @ 8.4 ppg
Spacer	20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	751	/ 3.4	= 219 sacks Premium Lite II Cement + 0.05 lbs/sack Static Free + 3 lbs/sack CSE + 3% bwow Potassium Chloride + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 10% bwoc Bentonite + 0.5% bwoc Sodium Metasilicate + 201.6% Fresh Water
Tail Slurry	303	/ 1.9	= 159 sacks Premium Lite II High Strength + 0.05 lbs/sack Static Free + 0.4% bwoc R-3 + 0.4% bwoc FL-63 + 0.25 lbs/sack Cello Flake + 2 lbs/sack Kol Seal + 0.002 gps FP-6L + 0.2% bwoc BA-59 + 92% Fresh Water

Displacement 115.1 bbls Fresh Water @ 8.34 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	11.00	13.00
Slurry Yield (cf/sack)	3.43	1.91
Amount of Mix Water (gps)	21.03	9.60
Amount of Mix Fluid (gps)	21.03	9.60
Estimated Pumping Time - 70 BC (HH:MM)	4:30	4:41
COMPRESSIVE STRENGTH		
24 hrs @ 144 ° F (psi)		1700
72 hrs @ 144 ° F (psi)		2000

RHEOLOGIES

FLUID		TEMP	600	300	200	100	6	3
Tail Slurry	@	80 ° F	179	145	112	88	9	7

Slurry and the chemical loadings subject to change pending pre-job testing.

The slurry volumes are based off of 25% excess over gauge hole.

BERRY PETROLEUM COMPANY

LC TRIBAL #9-6-56

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 6, T5S, R6W, U.S.B.&M.

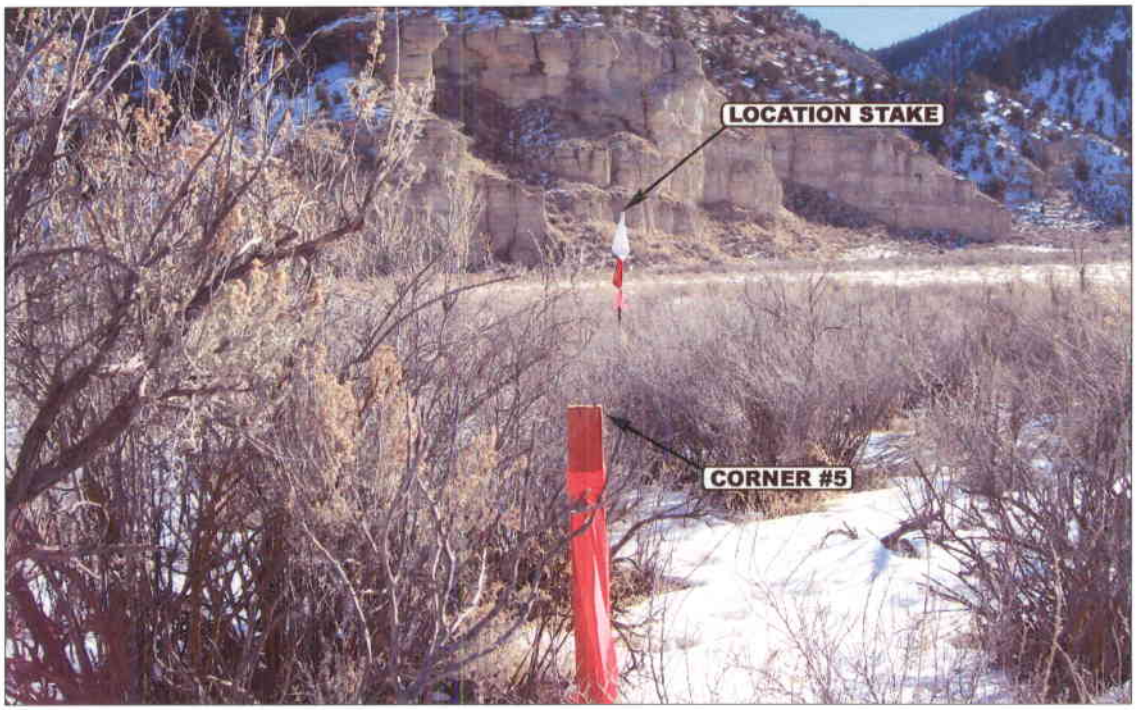


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: SOUTHEASTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

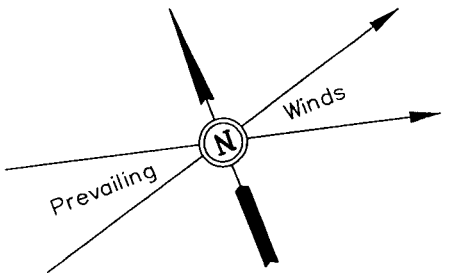
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	12 MONTH	21 DAY	06 YEAR	PHOTO
TAKEN BY: J.W.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

BERRY PETROLEUM COMPANY

LOCATION LAYOUT FOR

LC TRIBAL #9-6-56
SECTION 6, T5S, R6W, U.S.B.&M.
2022' FSL 750' FEL



SCALE: 1" = 50'
DATE: 12-22-06
DRAWN BY: K.G.

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH

Proposed Access Road

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

F-0.3' El. 61.9'
F-1.2' El. 61.0'
F-3.0' El. 59.2'
Sta. 3+00
Approx. Toe of Fill Slope
DATA
150'
CATWALK
PIPE RACKS
Flare Pit
C-0.7' El. 62.9'
C-0.2' El. 62.4'
C-12.7' El. 64.9' (Btm.Pit)
70'
30'
40'
100'
DOG HOUSE
RIG
F-0.5' El. 61.7'
Sta. 1+50
C-0.9' El. 63.1'
WATER
TRAILER
MUD TANKS
PUMP
MUD SHED
150'
TOILET
HOPPER
POWER
FUEL
Sta. 0+50
TOOLS
FUEL
Round Corners as Needed
TRASH
C-8.2' El. 70.4'
STORAGE TANK
Sta. 0+00
C-5.2' El. 67.4'
Reserve Pit Backfill & Spoils Stockpile
Topsoil Stockpile
10' WIDE BENCH
180'
Total Pit Capacity W/2' of Freeboard = 12,070 Bbls ±
Total Pit Volume = 3,390 Cu. Yds.
RESERVE PITS (10' Deep)
1 1/2:1 Slope
C-25.2' El. 77.4' (Btm. Pit)
C-10.9' El. 73.1'
Approx. Top of Cut Slope
CONSTRUCT DIVERSION DITCH

Elev. Ungraded Ground at Location Stake = 6462.4'
Elev. Graded Ground at Location Stake = 6462.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BERRY PETROLEUM COMPANY

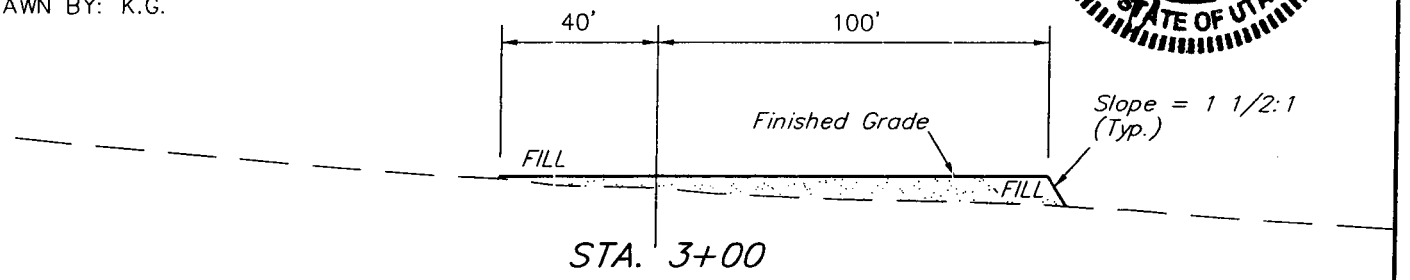
TYPICAL CROSS SECTIONS FOR

LC TRIBAL #9-6-56
SECTION 6, T5S, R6W, U.S.B.&M.
2022' FSL 750' FEL

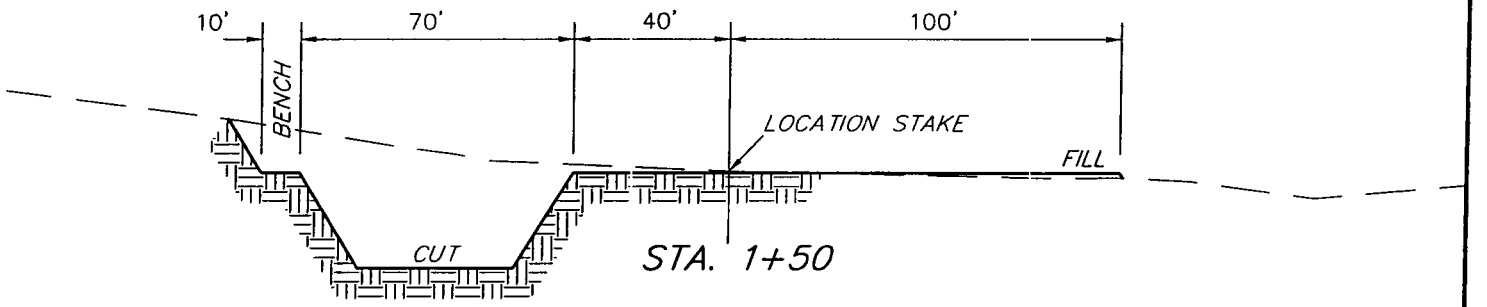
1" = 20'
X-Section Scale
1" = 50'

DATE: 12-22-06
DRAWN BY: K.G.

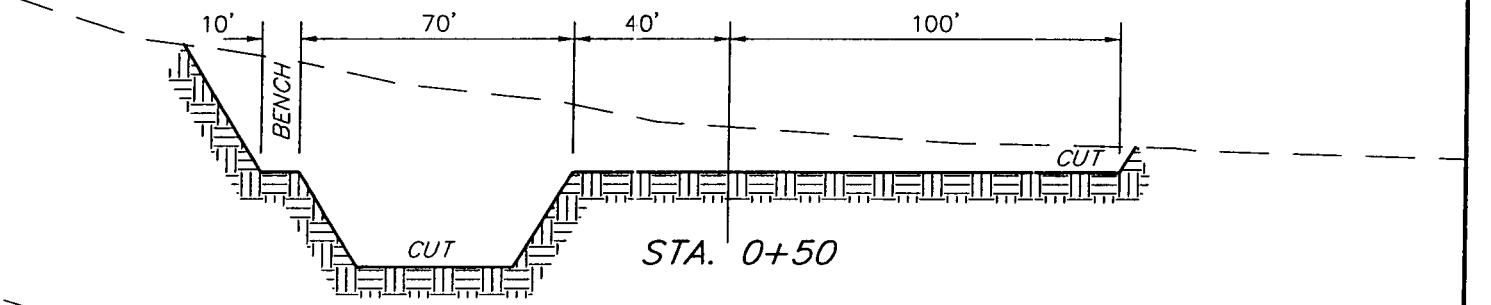
REGISTERED LAND SURVEYOR
No. 181319
ROBERT L. KAY
STATE OF UTAH



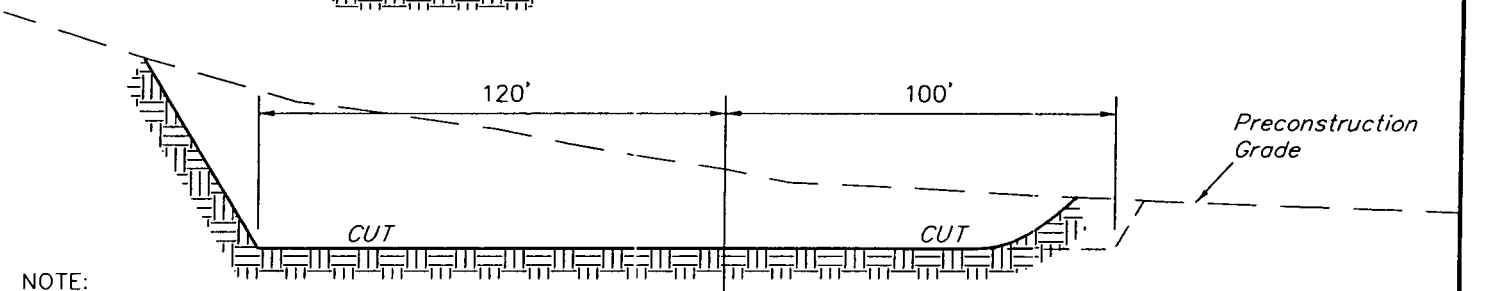
STA. 3+00



STA. 1+50



STA. 0+50



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

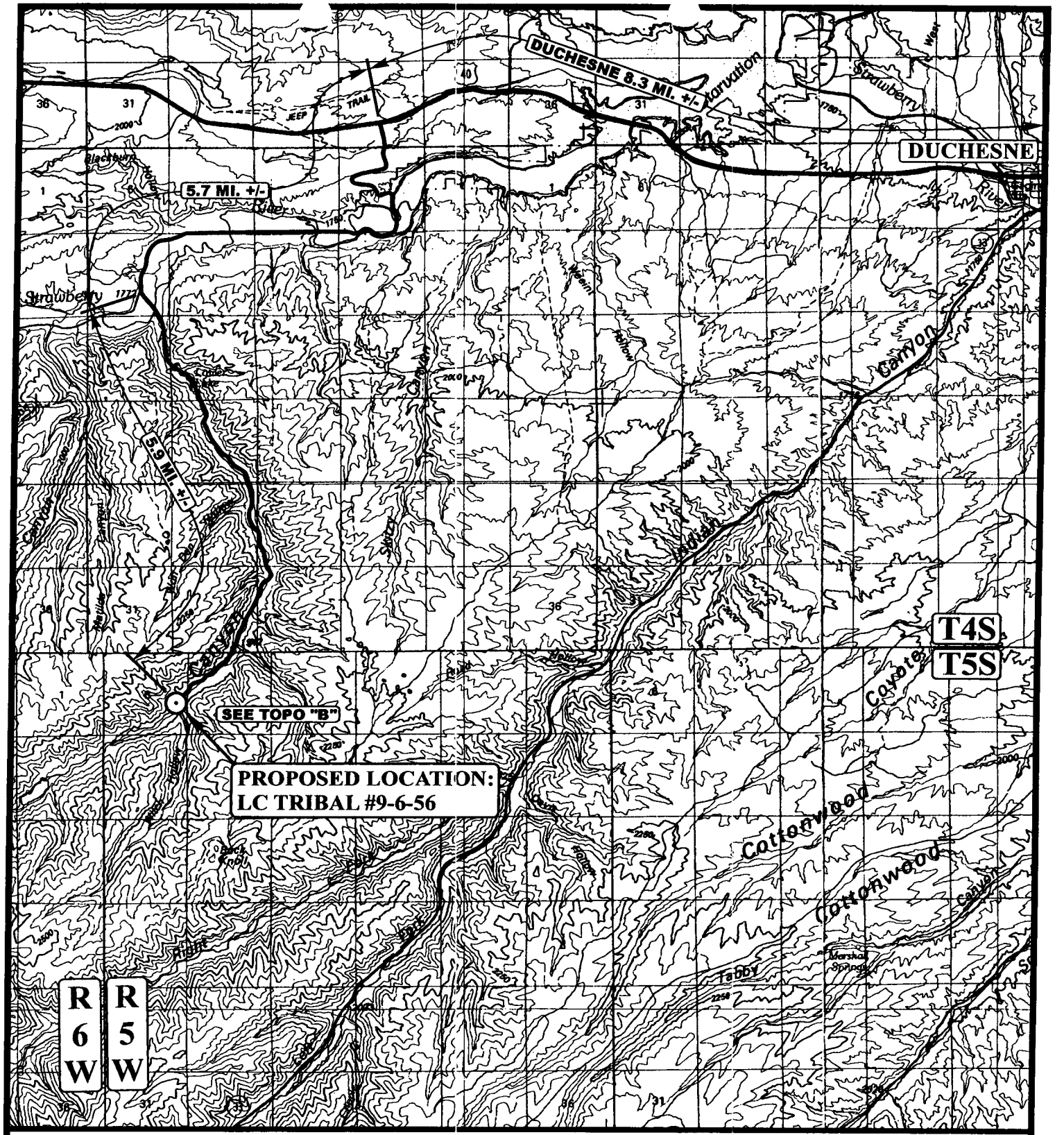
APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	1,310 Cu. Yds.
Remaining Location	=	10,850 Cu. Yds.
TOTAL CUT	=	12,160 CU.YDS.
FILL	=	1,310 CU.YDS.

EXCESS MATERIAL	=	10,850 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,010 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	7,840 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017



LEGEND:

⊙ PROPOSED LOCATION

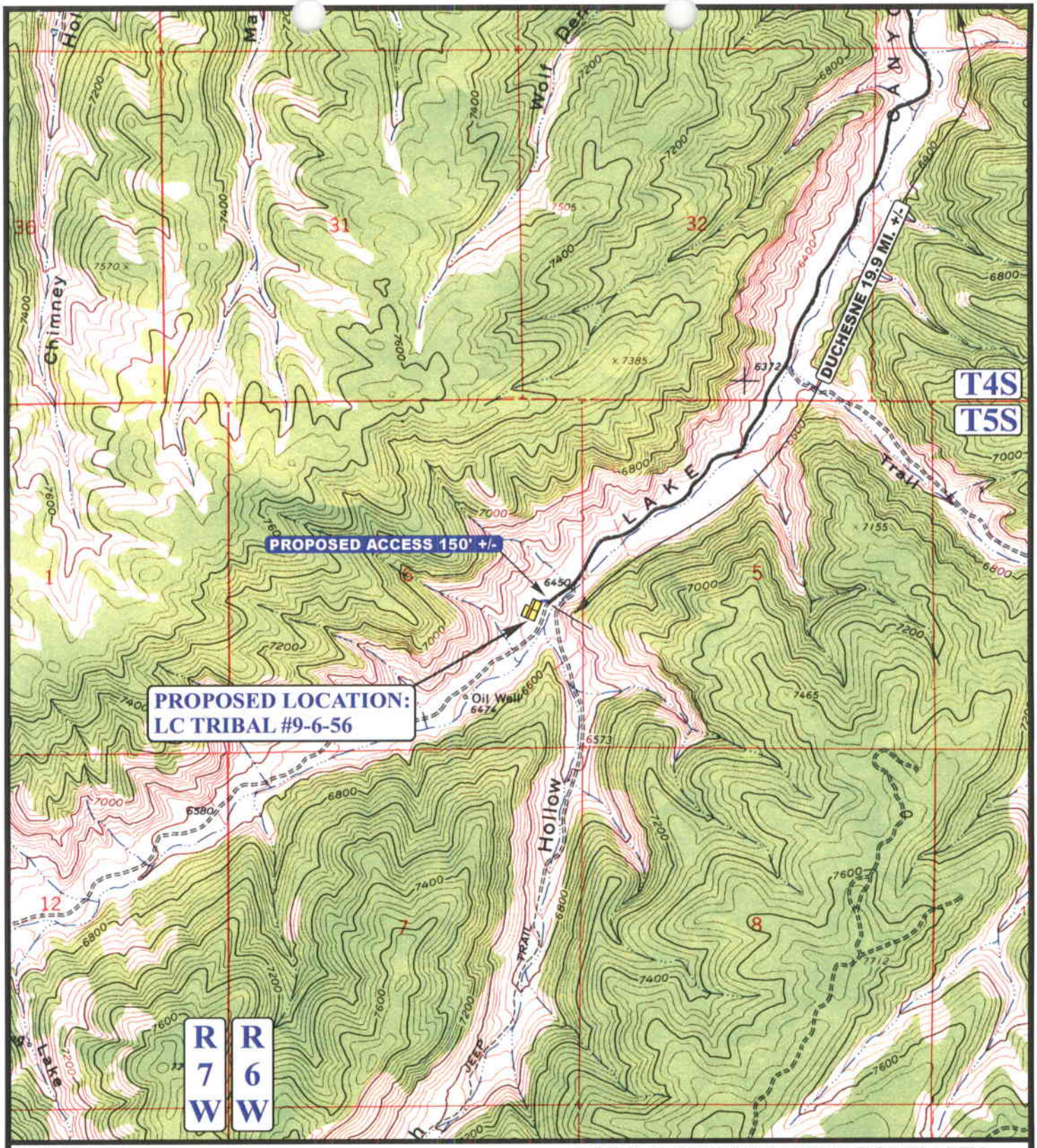
N

BERRY PETROLEUM COMPANY

LC FEE #9-6-56
SECTION 6, T5S, R6W, U.S.B.&M
2022' FSL 750' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	12 MONTH	20 DAY	06 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

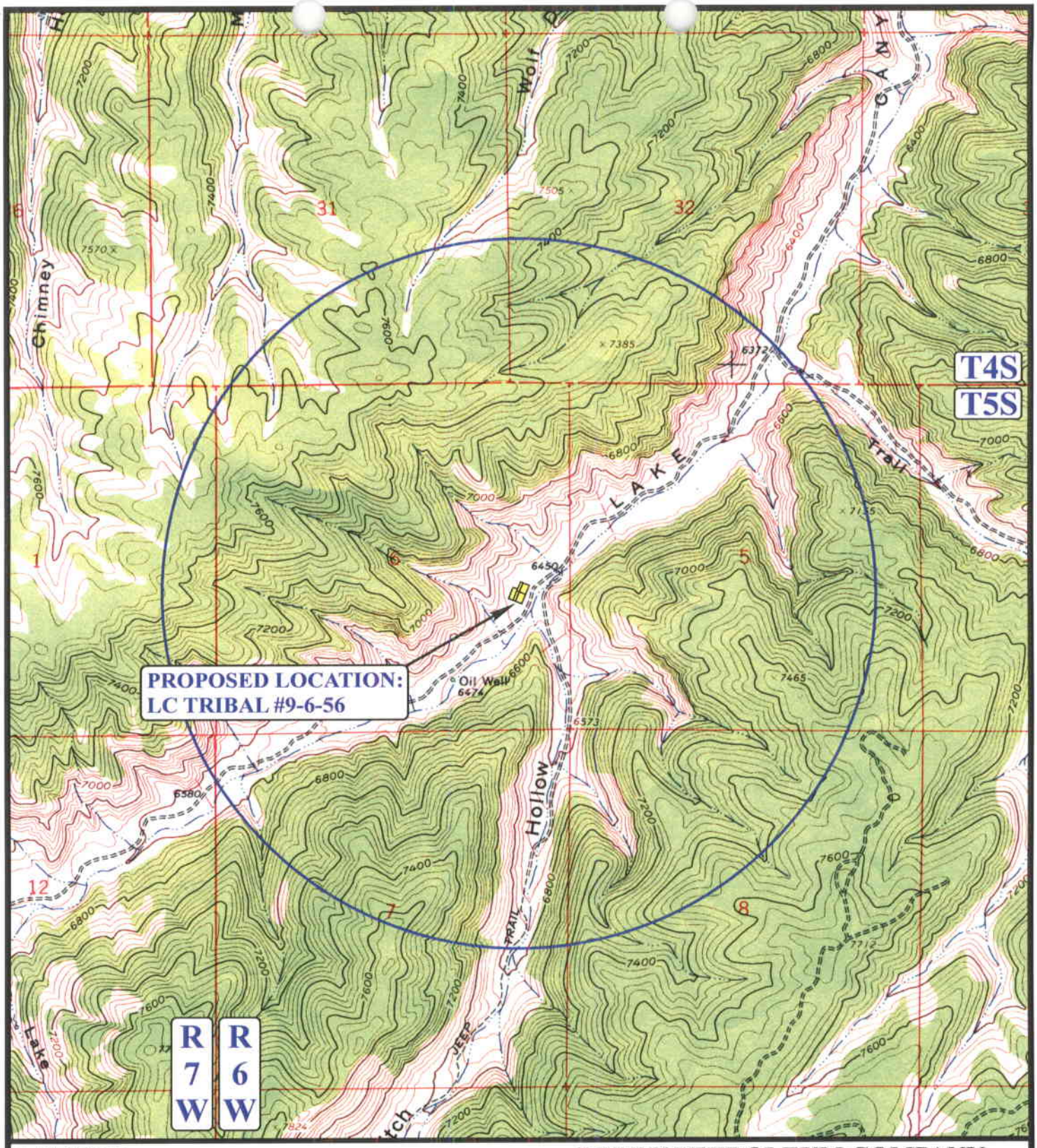
N

BERRY PETROLEUM COMPANY

LC FEE #9-6-56
SECTION 6, T5S, R6W, U.S.B.&M
2022' FSL 750' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	12 MONTH	20 DAY	06 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

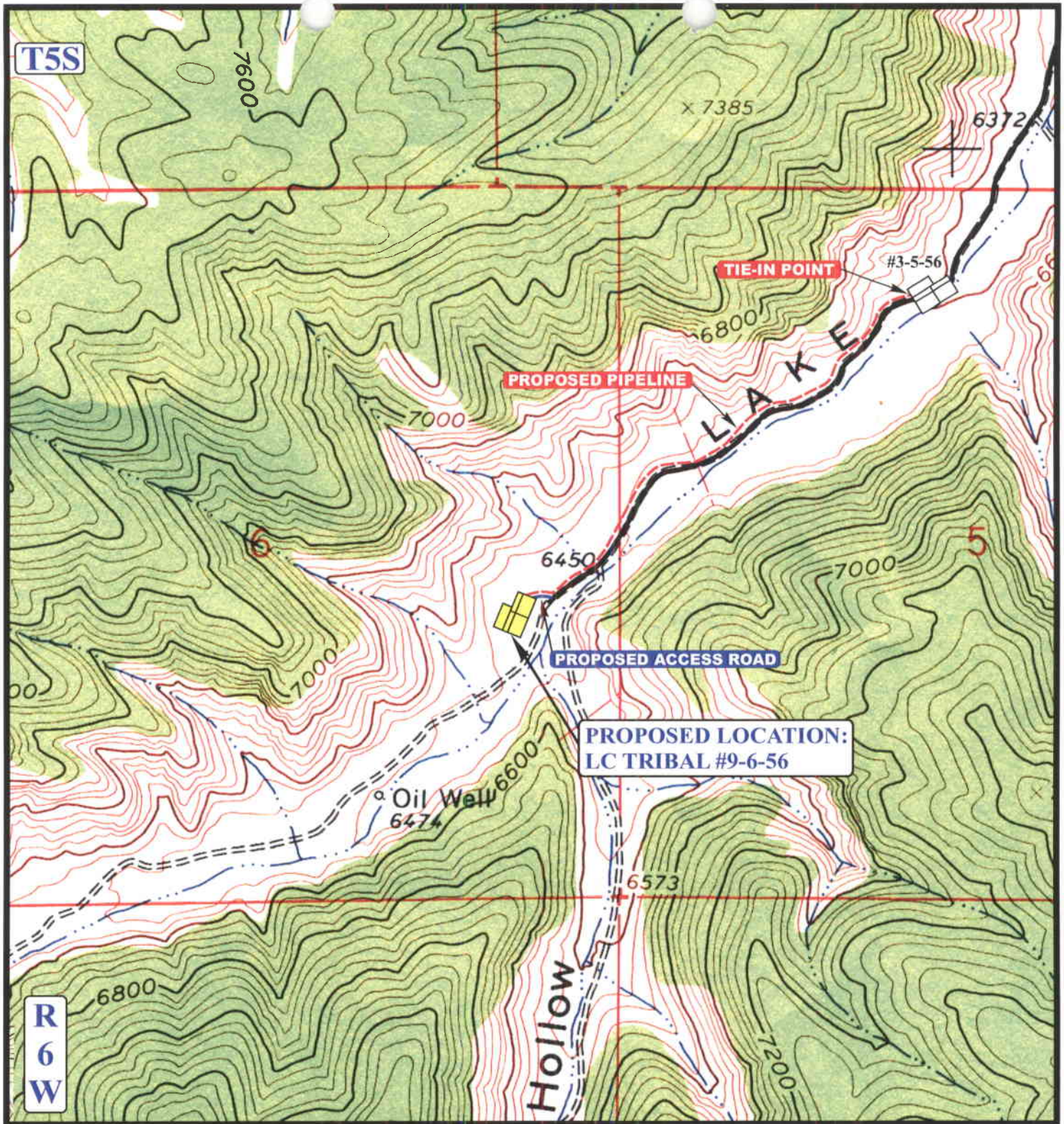
N

BERRY PETROLEUM COMPANY

LC FEE #9-6-56
SECTION 6, T5S, R6W, U.S.B.&M
2022' FSL 750' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	12 MONTH	20 DAY	06 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 3,455' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE (SERVICING OTHER WELLS)

N

BERRY PETROLEUM COMPANY

LC TRIBAL #9-6-56
SECTION 6, T5S, R6W, U.S.B.&M
2022' FSL 750' FEL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	01 MONTH	15 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: L.K.	REVISED: 00-00-00		

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/02/2007

API NO. ASSIGNED: 43-013-33606

WELL NAME: LC TRIBAL 9-6-56

OPERATOR: BERRY PETROLEUM COMPANY (N2480)

PHONE NUMBER: 435-722-1325

CONTACT: SHELLY CROZIER

PROPOSED LOCATION:

NESE 06 050S 060W

SURFACE: 2022 FSL 0750 FEL

BOTTOM: 2022 FSL 0750 FEL

COUNTY: DUCHESNE

LATITUDE: 40.07391 LONGITUDE: -110.5946

UTM SURF EASTINGS: 534568 NORTHINGS: 4435829

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-5500

PROPOSED FORMATION: GRRV

SURFACE OWNER: 4 - Fee

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. RLB0005651)

N/ Potash (Y/N)

N/ Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-11041)

U RDCC Review (Y/N)
(Date:)

Y Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: _____

✓ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

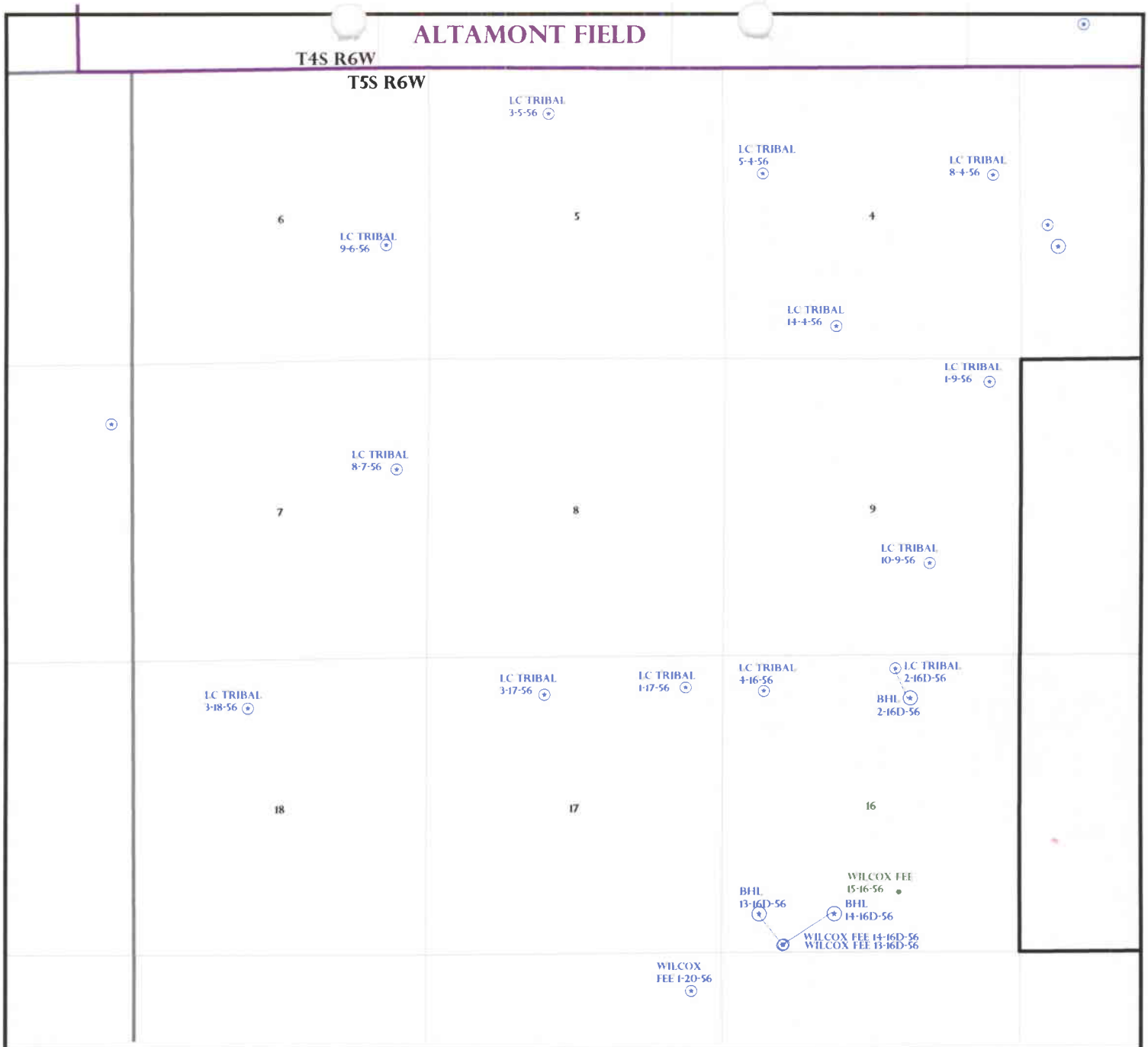
___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____

___ R649-3-11. Directional Drill

COMMENTS: PRESITE (04-17-07)

STIPULATIONS: 1- Federal Approval
2- Spacing Slip
3- STATEMENT OF BASIS

ALTAMONT FIELD



OPERATOR: BERRY PETRO CO (N2480)

SEC: 7,18 **T.**5S **R.** 6W

FIELD: WILDCAT (001)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA MASON
DATE: 03-APRIL-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
377	43-013-33606-00-00		OW	P	No

Operator BERRY PETROLEUM COMPANY **Surface Owner-APD**
Well Name LC TRIBAL 9-6-56 **Unit**
Field UNDESIGNATED **Type of Work**
Location NESE 6 5S 6W U 2022 FSL 750 FEL GPS Coord (UTM) 534568E 4435829N

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling, casing and cement programs.

Brad Hill — 4/23/2007
APD Evaluator — **Date / Time**

Surface Statement of Basis

The general area is within the Lake Canyon drainage. Lake Canyon is named for a reservoired lake located in the canyon bottom approximately 8 road miles up canyon from the confluence of Lake Canyon drainage with the Strawberry River. The City of Duchesne is approximately 14 road miles to the east of the road junction leading to Lake Canyon. Access to the area is by State of Utah and Duchesne County paved highways to the Lake Canyon graveled Duchesne County Road. The Lake Canyon County road is at times narrow and crosses one bridge, which the County and oil companies are planning to replace. The proposed location is approximately 5.9 south on the Lake Canyon road then west 150 feet following a new road to be constructed.

Topography in the Lake Canyon area consists of a wide-bottomed canyon rimmed by excessively steep or vertical sidewall cliffs. Outwash plains or deposits of til are common along both sides of the canyon. A few narrow bottomed side drainages exist and have similar steep sides. A perennial stream exists and flows into the Lake originating at springs approximately 3 miles upstream. Overflow from the lake subs into the bottom of the drainage a short distance below the lake, depending on the amount of flow for the particular year and time of the year. Seeps and small springs infrequently occur within the drainage.

The proposed LC Tribal #9-6-56 oil well is on the edge of a flat and partially on colluvial till west of the Lake Canyon Road. Near vertical ledges lie above the till. Except for the portion on till, the location is relatively flat with a slight slope to the north and toward the road. A diversion ditch is planned around the south end of the pad. An additional diversion ditch is needed across the till on the west side of the location above the reserve pit area.

Two sets of drawings have been submitted. Present plans are to drill the well using a closed loop mud circulation system. If an open loop system is used a reserve pit will be located in an area of cut on the southwest portion of the location. Its dimensions will be 70' x 180' x 10' deep. A liner with sub felt is required. Berry commonly uses a 16 mil liner.

The Utah Division of Wildlife Resources owns the surface and the minerals are Tribal, administered by the BLM for the Ute Indian Tribe.

Ben Williams and Daniel Emmett represented the UDWR at the pre-site. Mr. Williams met with the surveyors and pre-located the site to best meet the needs of wildlife in the area. Michael Cutler represented the BLM.

To reduce the impact on wintering deer and elk in Lake Canyon the UDWR will require as part of their surface use agreement that no road or pad construction, drilling or use of work-over rigs occur during the critical

wintering period of December 1 thru April 15. In addition he requested that if a pump jack is installed on the location that a reduced sound emission muffler be installed on the motor.

Mr. Willams gave Mr. Crozier of Berry Petroleum a copy of his wildlife evaluation and a seed mixture to be used to revegetate un-used portions of the disturbed area.

Floyd Bartlett	4/17/2007
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BERRY PETROLEUM COMPANY
Well Name LC TRIBAL 9-6-56
API Number 43-013-33606-0 **APD No** 377 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 NESE **Sec** 6 **Tw** 5S **Rng** 6W 2022 FSL 750 FEL
GPS Coord (UTM) 534576 4435851 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Jeff Crozier (Berry Petroleum Company), Ben Williams and Daniel Emmett (UDWR) and Michael Cutler (BLM).

Regional/Local Setting & Topography

The general area is within the Lake Canyon drainage. Lake Canyon is named for a reservoired lake located in the canyon bottom approximately 8 road miles up canyon from the confluence of Lake Canyon drainage with the Strawberry River. The City of Duchesne is approximately 14 road miles to the east of the road junction leading to Lake Canyon. Access to the area is by State of Utah and Duchesne County paved highways to the Lake Canyon graveled Duchesne County Road. The Lake Canyon County road is at times narrow and crosses one bridge, which the County and oil companies are planning to replace. The proposed location is approximately 5.9 south on the Lake Canyon road then west 150 feet following a new road to be constructed.

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Two sets of drawings have been submitted. Present plans are to drill the well using a closed loop mud circulation system. If an open loop system is used a reserve pit will be located in an area of cut on the southwest portion of the location. Its dimensions will be 70' x 180' x 10' deep. A liner with sub felt is required. Berry commonly uses a 16 mil liner.

The Utah Division of Wildlife Resources owns the surface and the minerals are Tribal, administered by the BLM for the Ute Indian Tribe.

Surface Use Plan

Current Surface Use
Recreational
Wildlfe Habitat
Deer Winter Range

New Road Miles	Well Pad		Src Const Material	Surface Formation
0.01	**Width** 220	**Length** 300	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

A moderately dense stand of greasewood occupies the site. Understory vegetation consists of salina wildrye, slender wheatgrass, blue gramma and spring annuals.

Deer, elk, coyotes, bobcats and numerous small mammals, birds and raptors.

Soil Type and Characteristics

Moderately deep sandy loam.

Erosion Issues N

Sedimentation Issues Y

Site Stability Issues N

Drainage Diverson Required Y

Two ditches should be constructed. One on the south of the location and a second on the west and north of the pad after pit is closed if pit is used or during pad construction if closed loop system is used.

Berm Required? N

Erosion Sedimentation Control Required? Y

Some til may fall on west edge of pad. A diversion ditch is needed to catch til and any outwash.

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors			Site Ranking	
Distance to Groundwater (feet)	100 to 200		5	
Distance to Surface Water (feet)	>1000		0	
Dist. Nearest Municipal Well (ft)	>5280		0	
Distance to Other Wells (feet)	>1320		0	
Native Soil Type	Mod permeability		10	
Fluid Type	Fresh Water		5	
Drill Cuttings	Normal Rock		0	
Annual Precipitation (inches)	>20		10	
Affected Populations	<10		0	
Presence Nearby Utility Conduits	Not Present		0	
		Final Score	30	1 **Sensitivity Level**

Characteristics / Requirements

Two sets of drawings have been submitted. Present plans are to drill the well using a closed loop mud circulation system. If an open loop system is used a reserve pit will be located in an area of cut on the southwest portion of the location. Its dimensions will be 70' x 180' x 10' deep. A liner with sub felt is required. Berry commonly uses a 16 mil liner.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	4/17/2007
Evaluator	**Date / Time**

From: Brad Hill
To: Mason, Diana
Date: 5/16/2007 9:28 AM
Subject: Fwd: Notice to release a number of Berry Petroleum Company's well applications on DWR surface
Attachments: billjames_businesscard.gif

Diana,

If you would put a copy of this e-mail in the referenced well files I would say this is good enough for the surface agreement requirement.

Brad

>>> William James 5/10/2007 2:50 PM >>>
Diana:

As we discussed today, DWR has been working for a while with Berry Petroleum Co. (Jeff Crozier) to review their applications for rights-of-way on Division of Wildlife Resources (DWR) surface. The roads, pipelines, and well pads for wells #11-27R-46, 4-27-46, 15-6-56, 12-34-46, 14-34-46, 1-9-56, 14-4-56, 10-9-56, 6-12-57, 9-6-56, 3-5-56, 1-12-57, 1-26-46, 3-18-56, 5-4-56, 8-4-56, 8-7-56, 10-26-56, 2-15-54, 4-15-54, 6-15-54, 8-15-54 *are now being authorized under surface operating agreements which have been signed by Berry Petroleum Company, and notarized.*

We have received payment of the applicable fees to DWR. The approved right-of-way leases and easements are now entering the Division of Finance for issuance of contract numbers. Please consider this message as DWR's formal request that, from the surface owner's viewpoint, you can "release" Berry Petroleum to pursue the named wells. We are satisfied they have met DWR standards. If you have questions, please call or drop by my office.

NOTE -- I will be unavailable May 12-22, 2007 on annual leave. If there detail questions or follow-up needs in the interim these wells can be referenced within three agreements which we named DUC-0609-EA-060, DUC-0702-EA-004, and DUC-0702-EA-008. Stephen "Steve" Hansen would be the best contact until I return.

Bill James
Energy Development / NEPA Coordinator
Utah Division of Wildlife Resources
Salt Lake City, Utah
(801) 538-4752 office
(801) 230-1778 mobile

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

May 16, 2007

Berry Petroleum Company
Rt. 2, Box 7735
Roosevelt, UT 84066

Re: LC Tribal 9-6-56 Well, 2022' FSL, 750' FEL, NE SE, Sec. 6, T. 5 South, R. 6 West, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33606.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

Operator: Berry Petroleum Company

Well Name & Number LC Tribal 9-6-56

API Number: 43-013-33606

Lease: 14-20-H62-5500

Location: NE SE **Sec.** 6 **T.** 5 South **R.** 6 West

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   Notify the Division with 24 hours of spudding the well.

   - Contact Carol Daniels at (801) 538-5284

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281

3. Reporting Requirements

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

RECEIVED

Form 3160-3
(April 2004)

FORM APPROVED
OMB No. 1004-0137
Expires March 31, 2007

UNITED STATES
DEPARTMENT OF THE INTERIOR
EDA)

BLM VERNAL, UTAH

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
14-20-H62-5500 (EDA)

6. If Indian, Allotee or Tribe Name

1a. TYPE OF WORK [√] DRILL [ ] REENTER

7. Unit or CA Agreement, Name and No.
N/A

1b. Type of Well: [√] Oil well [ ] Gas well [ ] Other [√] Single zone [ ] Multiple zone

8. Lease Name and Well No.
LC TRIBAL 9-6-56

2. Name of Operator
BERRY PETROLEUM COMPANY

9. API Well No.
43-013-33606

3a. Address
4000 SOUTH 4028 WEST
RT. 2 BOX 7735, ROOSEVELT, UT. 84066

3b. Phone No. *(include are code)*
(435) 722-1325

10. Field and Pool, or Exploratory
LAKE CANYON

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
NAD 27
At surface (NE/SE) 2022' FSL, 750' FEL
40.074094 LAT
At proposed prod. zone SAME AS ABOVE
110.594531 LONG

11. Sec., T. R. M. or BLK. and Survey or Area
Sec. 6, T5S, R6W
U.S.B.&M.

14. Distance in miles and dircetion from nearest town or post office*
19.9 MILES FROM DUCHESNE, UTAH

12. County or Parrish
DUCHESNE

13. State
UTAH

15. Distance from proposed* location to nearest property ot lease line, ft. (Also to neaset drlg. Unit line, if any)	16. No. of acres in lease	17. Spacing Unit dedicated to this well
750'	80.00	40

18. Distance from proposed* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth	20. BLM/BIA Bond No. on file
N/A	4875'	UTB000035 / RLB0005750

21. Elevations (Show whether DF, KDB, RT, GR, etc.)	22. Approximate date work will start*	23. Estimated duration
6462' GR	REFER TO BPC SOP PLAN	REFER TO BPC SOP PLAN

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lnads, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see item 20 above.
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature	Name *(Printed/Typed)*	Date
Shelley Crozier	SHELLEY CROZIER	03/30/07

Title
REGULATORY AND PERMITTING SPECIALIST

Approved by *(Signatrue)*	Name *(Printed/Typed)*	Date
Jerry Kenczka	Jerry Kenczka	6-1-2007
Title Assistant Field Manager Lands & Mineral Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the allicant to conduct operations thereon.
Conditions of approval, if any, are attached. CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

NOTICE OF APPROVAL

UDOGM

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
JUN 07 2007
DIV. OF OIL, GAS & MINING

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE
170 South 500 East VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	**Berry Petroleum Company**	**Location:**	**NESE, Sec 6, T5S, R6W**
Well No:	**LC Tribal 9-6-56**	**Lease No:**	**14-20-H62-5500 (EDA)**
API No:	**43-013-33606**	**Agreement:**	**N/A**

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Melissa Hawk	(435) 781-4476	(435) 828-7381
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	
		Fax: (435) 781-4410	

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity	-	The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	-	Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC SURFACE COAs:

ENVIRONMENTAL ASSESSMENT UT080-2007-656

Berry Petroleum proposes to drill six wells. The surface is owned by Utah State Division of Wildlife Resources and the minerals are owned by Indian Minerals. The wells are: LC Tribal #3-18-56, LC Tribal #1-9-56, LC Tribal #8-7-56, LC Tribal #9-6-56, LC Tribal #8-4-56, and LC Tribal #4-27-46 enabling exploration of oil and gas activities. Review of the Application for Permit to Drill (APD) and other oil and gas activities indicate this action is in accordance with the Surface Owners interest. A surface owner agreement has been reached between UDWR and the operator Berry Petroleum. A letter dated 5/10/2007 stating satisfaction with this agreement is enclosed in the respective well files.

The Application for Permits to Drill dated 3/30/2007 was reviewed and approved by the State of Utah Division of Oil, Gas and Mining. Therefore, additional National Environmental Policy Act (NEPA) analysis is not required. The proposed action is discussed in the West Brundage Canyon Oil and Gas Field Development Environmental Assessment approved April 7, 1997 by Bureau of Indian Affairs (BIA).

The Application for Permits to Drill dated 3/30/2007 was reviewed and approved by the State of Utah Division of Oil, Gas and Mining. It is my decision to adopt the State of Utah Division of Oil, Gas and Mining approval of Application for Permit to Drill and its associated Conditions of Approval. Additional NEPA analysis is not required. No additional Conditions of Approval are necessary for this APD.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE COAs:

- Production casing cement top shall be at a minimum of 200' above the surface casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.

- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:

    - Operator name, address, and telephone number.

    - Well name and number.

    - Well location (¼¼, Sec., Twn, Rng, and P.M.).

    - Date well was placed in a producing status (date of first production for which royalty will be paid).

    - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

    - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

    - Unit agreement and/or participating area name and number, if applicable.

    - Communitization agreement number, if applicable.

- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.

- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the

well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.

- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.

- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.

- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial Number: 14-20-H62-5500 (EDA)

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name: 0

Do not use this form for proposals to drill new wells, deepen existing wells, or to re-enter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL [X] GAS [ ] OTHER:

8. Well Name and Number: LC TRIBAL 9-6-56

2. Name of Operator: BERRY PETROLEUM COMPANY

9. API Well Number: 43-013-33606

3. Address and Telephone Number: 4000 SOUTH 4028 WEST, RT. 2 BOX 7735 ROOSEVELT, UTAH 84066 (435) 722-1325

10. Field and Pool, or Wildcat: LAKE CANYON

4. Location of Well:

Footages: 2022' FSL, 750' FEL

County: DUCHESNE,

QQ, Sec., T., R., M.: NE/SE SEC. 6, T5S, R6W USB&M

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)		SUBSEQUENT REPORT (Submit Original Form Only)	
[ ] Abandon	[ ] New Construction	[ ] Abandon	[ ] New Construction
[ ] Repair Casing	[ ] Pull or Alter Casing	[ ] Repair Casing	[ ] Pull or Alter Casing
[ ] Change of Plans	[ ] Recomplete	[ ] Change of Plans	[ ] Reperforate
[ ] Convert to Injection	[ ] Reperforate	[ ] Convert to Injection	[ ] Vent or Flare
[ ] Fracture Treat or Acidize	[ ] Vent or Flare	[ ] Fracture Treat or Acidize	[ ] Water Shut-Off
[ ] Multiple Completion	[ ] Water Shut-Off	[ ] Other	
[X] Other ONE YEAR EXTENSION			

Approximate date work will start

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMLEPTION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

BERRY PETROEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

STATE APPROVED ONLY

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR
Date: 5.21.2008
Initials: KS

Date: 05-20-08
By:

13

Name & Signature: SHELLEY E. CROZIER Shelley Crozier Title: REGULATORY & PERMITTING SPECIALIST Date: 05/14/08

(This space for Federal or State office use)

RECEIVED
MAY 15 2008
DIV. OF OIL, GAS & MINING

(4/94) (See instructions on reverse Side)

RESET

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33606
Well Name: LC TRIBAL 9-6-56
Location: (NE/SE) 2022' FSL, 750' FEL, SEC. 6-T5S-R6W
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

Shelley Crozier
Signature

5/14/2008
Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

RECEIVED
MAY 15 2008
DIV. OF OIL, GAS & MINING

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500 (EDA)

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER: LC TRIBAL 9-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 4301333606

3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY Roosevelt STATE UT ZIP 84066

PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT: LAKE CANYON

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2022' FSL, 750' FEL

COUNTY: DUCHESNE

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 6 T5S R6W

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: 1 YR. EXTENSION
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

Approved by the
Utah Division of
Oil, Gas and Mining

STATE BOND # RLB0005651

COPY SENT TO OPERATOR
Date: 5.12.2009
Initials: KS

Date: 05-11-09
By:

NAME (PLEASE PRINT) SHELLEY E. CROZIER TITLE REGULATORY & PERMITTING SPECIALIST

SIGNATURE Shelley E. Crozier DATE 5/7/2009

(This space for State use only)

RECEIVED
MAY 11 2009
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33606
Well Name: LC TRIBAL 9-6-56
Location: (NE/SE) 2022' FSL, 750' FEL, SEC. 6-T5S-R6W
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

Shelley E. Crozier
Signature

5/7/2009
Date

Title: Regulatory & Permitting Specialist

Representing: Berry Petroleum Company

RECEIVED
MAY 11 2009
DIV. OF OIL, GAS & MINING

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE – Other instructions on page 2.

5. Lease Serial No.
14-20-H62-5500 (EDA)

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
LC TRIBAL 9-6-56

2. Name of Operator
BERRY PETROLEUM COMPANY

9. API Well No.
43-013-33606

3a. Address
4000 SOUTH 4028 WEST, RT. 2, BOX 7735
ROOSEVELT, UTAH 84066

3b. Phone No. *(include area code)*
(435) 722-1325

10. Field and Pool or Exploratory Area
LAKE CANYON

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
2022' FSL, 750' FEL (NE/SE) SEC. 6-T5S-R6W

11. Country or Parish, State
DUCHESNE COUNTY, UTAH

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other 1 YR. EXTENSION
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

ORIGINAL APPROVAL DATES
STATE: 5/16/2007
BLM: 6/1/2007

VERNAL FIELD OFFICE
ENG.
GEOL.
E.S.
PET.
A.M.

RECEIVED
MAY 11 2009
BLM VERNAL, UTAH

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
SHELLEY E. CROZIER

Title REGULATORY & PERMITTING SPECIALIST

Signature Shelley E. Crozier

Date 05/07/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Petroleum Engineer

Title

Date MAY 22 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
JUN 29 2009
DIV. OF OIL, GAS & MINING

UDOGM

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 09 2010
BLM

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
2OG0005500

6. If Indian, Allottee or Tribe Name
UINTAH AND OURAY

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
LC TRIBAL 9-6-56

2. Name of Operator
BERRY PETROLEUM COMPANY
Contact: KATHY K FIELDSTED
E-Mail: kkf@bry.com

9. API Well No.
43-013-33606-00-X1

3a. Address
ROUTE 2, BOX 7735
ROOSEVELT, UT 84066

3b. Phone No. (include area code)
Ph: 435-722-1325
Fx: 435-722-1321

10. Field and Pool, or Exploratory
UNKNOWN

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 6 T5S R6W NESE 2022FSL 750FEL

11. County or Parish, and State
DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original PD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BERRY PETROLEUM COMPANY RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR A PERIOD OF ONE (1) YEAR.

THE APD WAS ORIGINALLY APPROVED ON JUNE 1, 2007. WITH A ONE YEAR EXTENSION BEING APPROVED ON MAY 22, 2009.

RECEIVED
MAY 06 2010
DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE
ENG.
GEOL.
E.S.
PET.
LAND

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #84521 verified by the BLM Well Information System
For BERRY PETROLEUM COMPANY, sent to the Vernal
Committed to AFMSS for processing by GAIL JENKINS on 04/12/2010 (10GJ1380SE)

Name *(Printed/Typed)* KATHY K FIELDSTED — Title REGULATORY & PERMITTING TECH

Signature (Electronic Submission) — Date 04/09/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By — Title Petroleum Engineer — Date APR 12 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

CONDITIONS OF APPROVAL

Berry Petroleum Company

Notice of Intent
APD Extension

Lease: 2OG0005500
Well: LC Tribal 9-6-56
Location: NESE Sec 6-T5S-R6W

An extension for the referenced APD is granted with the following conditions:

---

1. The extension and APD shall expire on 6/1/2011.

2. No other extensions shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430.

API Well No: 43013336060000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 9-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/16/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM RESPECTFULLY REQUESTS THAT THE APPROVED APPLICATION TO DRILL FOR THE ABOVE SUBJECT WELL BE EXTENDED FOR THE PERIOD OF ONE (1) YEAR.

Approved by the Utah Division of Oil, Gas and Mining

Date: May 03, 2010

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 4/29/2010

RECEIVED April 29, 2010

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013336060000

API: 43013336060000
Well Name: LC TRIBAL 9-6-56
Location: 2022 FSL 0750 FEL QTR NESE SEC 06 TWNP 050S RNG 060W MER U
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Approved by the Utah Division of Oil, Gas and Mining

Signature: Kathy K. Fieldsted **Date:** 4/29/2010
Title: Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY

Date: May 03, 2010

By:

RECEIVED April 29, 2010

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 9-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/16/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ SPUD REPORT Date of Spud:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM WOULD LIKE TO REQUEST THAT THE APPROVED APPLICATION TO DRILL THE ABOVE SUBJECT WELL BE EXTENDED FOR THE PERIOD OF ONE (1) YEAR.

Approved by the Utah Division of Oil, Gas and Mining

Date: 04/21/2011

By: Dustin Doucet

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 4/20/2011

RECEIVED Apr. 20, 2011

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013336060000

API: 43013336060000
Well Name: LC TRIBAL 9-6-56
Location: 2022 FSL 0750 FEL QTR NESE SEC 06 TWNP 050S RNG 060W MER U
Company Permit Issued to: BERRY PETROLEUM COMPANY
Date Original Permit Issued: 5/16/2007

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Kathy K. Fieldsted **Date:** 4/20/2011
Title: Sr. Regulatory & Permitting Tech. **Representing:** BERRY PETROLEUM COMPANY

RECEIVED Apr. 20, 2011

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

May 17, 2011

API # 43-013-33606

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Spud Notice

Begin at approx. 10:00 am on Wednesday May 18, 2011

LC Tribal 9-6-56 2022 FSL, 750 FEL NESE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 435-722-1325

Sincerely
Kathy Fieldsted

Thank You

RECEIVED
MAY 17 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 9-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
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	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 5/20/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 9-6-56 WAS SPUD MAY 20, 2011 AT APPROX 9:00 AM BY LEON ROSS DRILLING.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 5/23/2011

RECEIVED May. 23, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: BERRY PETROLEUM COMPANY
Operator Account Number: N 2480
Address: 4000 S. 4028 W.
city ROOSEVELT
state UT zip 84066
Phone Number: (435) 722-1325

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333606	LC TRIBAL 9-6-56		NESE	6	5S	6W	DUCHESNE
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	18037	5/20/2011			5/26/11	

Comments: SPUD BY LEON ROSS DRILLING
GRRV

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	

Comments:

ACTION CODES:

- **A** - Establish new entity for new well (single well only)
- **B** - Add new well to existing entity (group or unit well)
- **C** - Re-assign well from one existing entity to another existing entity
- **D** - Re-assign well from one existing entity to a new entity
- **E** - Other (Explain in 'comments' section)

KATHY K. FIELDSTED
Name (Please Print)
Signature
SR. REG & PERMITTING
Title
5/23/2011
Date

(5/2000)

RECEIVED
MAY 23 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

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4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
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	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 8/1/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 12H-6-56 WAS SPUD ON MAY 20, 2011.
NO FURTHER ACTIVITY HAS TAKEN PLACE.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 8/1/2011

RECEIVED Aug. 01, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

May 16, 2007
Amended August 4, 2011

Berry Petroleum Company
4000 South 4028 West
Rt 2 Box 7735
Roosevelt, UT 84066

Subject: LC Tribal 12H-6-56 Well, 2022' FSL, 750' FEL, NE SE, Bottom Location 1981' FSL 800' FWL NW SW Sec. 6, T. 5 South, R. 6 West, Duchesne County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the Uteland Butte Formation, completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33606.

Sincerely,

John Rogers
Associate Director

JR/js
Enclosures

cc: Duchesne County Assessor
BLM – Vernal Field Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Berry Petroleum Company

Well Name & Number LC Tribal 12H-6-56

API Number: 43-013-33606

Lease: 14-20-H62-5500

Location:	NE SE	**Sec.** 6	**T.** 5 South	**R.** 6 West
Bottom Location:	NW SW	**Sec.** 6	**T.** 5 South	**R.** 6 West

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

   - Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
     OR
     Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office
     (801) 733-0983 after office hours

3. Reporting Requirements

   All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

   - Entity Action Form (Form 6) – due within 5 days of spudding the well
   - Monthly Status Report (Form 9) – due by 5th day of the following calendar month
   - Requests to Change Plans (Form 9) – due prior to implementation
   - Written Notice of Emergency Changes (Form 9) – due within 5 days
   - Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
   - Report of Water Encountered (Form 7) – due within 30 days after completion
   - Well Completion Report (Form 8) – due within 30 days after completion or plugging

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

6. A temporary 640 acre spacing unit is hereby established in Section 6, Township 5 South, Range 6 West for the drilling of this well (R649-3-2.6). No other horizontal wells may be drilled in this section unless approved by the Board of Oil, Gas and Mining.

7. In accordance with Utah Admin. R649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

8. All conditions of approval in the original Statement of Basis from the LC Tribal 9-6-56 permit apply to LC Tribal 12H-6-56.

Berry Petroleum Company

Brundage Canyon Field
4000 South 4028 West
Rt. 2 Box 7755
Roosevelt, UT 84066
Ph: (435) 722-1325
Fax: (435) 722-1321
www.bry.com

June 24, 2011

State of Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P O Box 145801
Salt Lake City, UT 84114-5801

RE: Horizontal Drilling
LC Tribal 12H-6-56
T5S-R6W. U.S.B. & M.
Sec. 7: SHL NE ¼, SE ¼, 2022 FSL, 750 FEL
BHL NW ¼, SW ¼, 1981 FSL, 800 FWL
Duchesne County, UT

Pursuant to the filing of Berry Petroleum Company's Application to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-2 pertaining to a temporary 640 acre spacing unit for a horizontal well.

- Tribal Exploration and Development Agreement #2OG-000-5500 (BIA #14-20-H62-5500, which includes all of the subject Section 6 and other lands, allows for the drilling of the LC Tribal 12H-6-56 well. Once drilled, Berry Petroleum Company will earn a BIA Tribal Lease covering 640 acres, further described in the Exploration and Development Agreement.
- The LC Tribal 12H-6-56 will be perforated no less than 660 feet from the Section 7 Tribal Lease boundary, in accordance with R649-3-2(3).

Based on the information provided, Berry Petroleum Company requests that the permit be granted pursuant to R649-3-2. If you should have any questions or need further information, please contact Joe Judd at (972) 464-4915.

Respectfully Submitted,

Kathy K. Fieldsted
Sr. Regulatory & Permitting Technician

SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated May 7, 2007.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

LC TRIBAL 12H-6-56
NE ¼, SE ¼, 2022' FSL 750' FEL, SEC. 6, T5S, R6W, U.S.B.& M.
BHL: Lot #6 NW ¼, SW ¼, 1981' FSL, 800' FWL
Lease: # 2OG0005500
Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.

Kathy K. Fieldsted
Sr. Regulatory & Permitting Tech
Berry Petroleum Company
4000 South 4028 West
Route 2, Box 7735
Roosevelt, Utah 84066
435-722-1325

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/21/2011

API NO. ASSIGNED: 43-013-33606

WELL NAME: LC TRIBAL 12H-6-56

OPERATOR: BERRY PETROLEUM COMPANY (N2480)

PHONE NUMBER: 435-722-1325

CONTACT: KATHY FIELDSTED

PROPOSED LOCATION:

NESE 06 050S 060W

SURFACE: 2022 FSL 0750 FEL

NWSW BOTTOM: 1981 FSL 0800 FWL

COUNTY: DUCHESNE

LATITUDE: 40.07391 LONGITUDE: -110.59461

UTM SURF EASTINGS: 534568 NORTHINGS: 4435829

FIELD NAME: UNDESIGNATED (2)

INSPECT LOCATN BY: / /		
Tech Review	**Initials**	**Date**
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-H62-5500

PROPOSED FORMATION: GRRV

SURFACE OWNER: 4 - Fee

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. B0005647)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-11041)

N RDCC Review (Y/N)
(Date:)

Y Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3. * Horizontal

Unit:

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

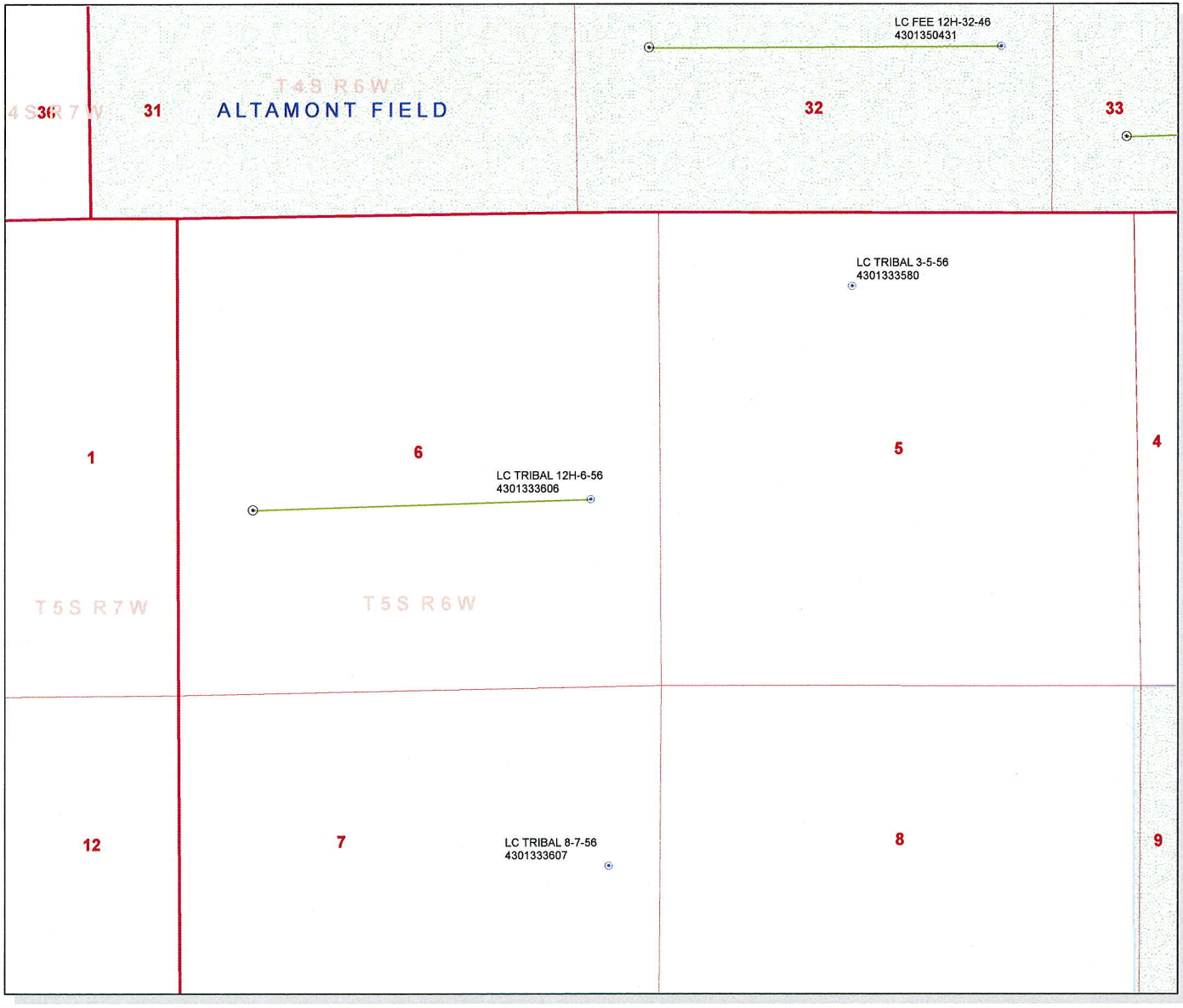
___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1. Fed Approval
2. Spacing Stip - modified per BGH
3. Temporary Spacing per BGH
4. Directional per BGH
5. SOB - from original per BGH



API Number: 4301333606

Well Name: LC TRIBAL 12H-6-56

Township T0.5 . Range R0.6 . Section 06

Meridian: UBM

Operator: BERRY PETROLEUM COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED
- Sections
- Township

Wells Query
Status
- APD - Aproved Permit
- DRL - Spudded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

1,400 700 0 1,400 Feet

1:13,324

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 9-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/14/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM WOULD LIKE TO REQUEST TO CHANGE THE NAME FROM THE LC TRIBAL 9-6-56 TO THE LC TRIBAL 12H-6-56. WE WOULD ALSO LIKE TO REQUEST TO CHANGE THE WELL FROM A VERTICAL TO A HORIZONTAL WELL. A NEW PLAT, DRILLING PROGAM AND DIRECTIONAL PLAN ARE ATTACHED.

Approved by the Utah Division of Oil, Gas and Mining

Date: 08-04-11

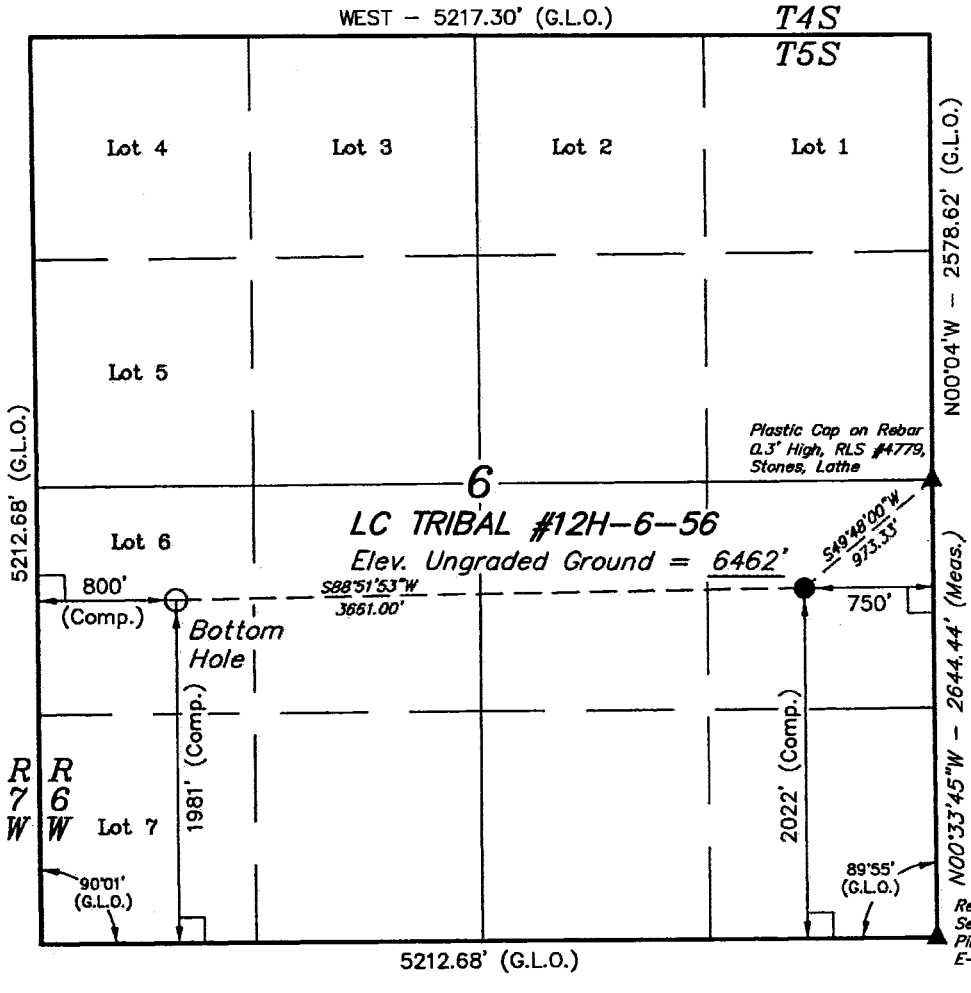
By:

BHL 533445Y 4435792Y 40.073621 -110.607775

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 7/21/2011

Federal Approval of this Action is Necessary

T5S, R6W, U.S.B.&M.

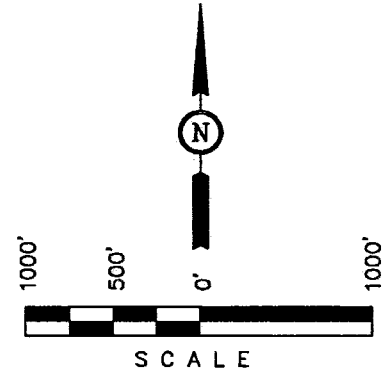


BERRY PETROLEUM COMPANY

Well location, LC TRIBAL #12H-6-56, located as shown in the NE 1/4 SE 1/4 of Section 6, T5S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6097 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STATE OF UTAH No. 161319 REGISTERED LAND SURVEYOR ROBERT L. KAY

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

06-13-11

REVISED: 06-13-11 P.M.
REVISED: 06-03-11 P.M.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°04'25.77" (40.073825)	LATITUDE = 40°04'26.59" (40.074053)
LONGITUDE = 110°36'29.94" (110.608317)	LONGITUDE = 110°35'42.87" (110.595242)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°04'25.92" (40.073867)	LATITUDE = 40°04'26.74" (40.074094)
LONGITUDE = 110°36'27.38" (110.607606)	LONGITUDE = 110°35'40.31" (110.594531)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 12-7-06	DATE DRAWN: 12-22-06
PARTY: J.W. B.D. K.G.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: BERRY PETROLEUM COMPANY	

BERRY PETROLEUM COMPANY
NE ¼, SE ¼, 2022' FSL 750' FEL, SEC. 6, T5S, R6W, U.S.B.& M.
BHL: Lot #6 NW ¼, SW ¼, 1981' FSL, 800' FWL
Duchesne County, Utah

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1,2 **Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

FORMATION	DRILL DEPTH * @ SHL (TVD)	DRILL DEPTH * @ BHL (TVD)	Measured Depth
Uinta Fm	Surface	On Surface	
Green River	392'	392'	392'
Green River Fouch	824'	824'	824'
Mahogany	1,372'	1,372'	1,372'
Tgr3	2,471'	2,471'	2,471'
Douglas Creek	3,270'	3,270'	3,270'
Upper Black Shale	3,968'	3,968'	3,968'
KOP			4,101'
Castle Peak	4,189'		4,189'
Uteland Butte	4,511'		4,587
UB-2 Marker	4,586'	4,534'	
Landing Point			4,858'
Wasatch	4,745'		
TD	5,045'		8,034'
Base of Moderate Saline H20	4,932'		

PROSPECTIVE PAY: UB-2 is the primary objective

Berry Petroleum Company intends to drill a vertical "pilot hole" 100' – 200' into the Wasatch, obtaining open hole logs in the vertical portion of the wellbore. Once having successfully obtained log data for determination of lateral wellbore placement, Berry Petroleum Company would then plug and abandon the vertical portion of the wellbore from 100' below to +/- 200' above the planned kick off point. Once the cement plug has cured accordingly Berry Petroleum Company would utilize the cement plug to side track the wellbore at kick off point. The lateral portion of the wellbore would then be drilled horizontally through the prospective zone within the Uteland Butte, as identified by open hole logs from the pilot hole.

3 Proposed Casing and Cementing Program

Purpose	Depth	Hole Size	Casing Size	Type	Connection	Weight
Surface	1000'	12.25"	9.625"	J or K-55	ST&C	36#
Intermediate	4858'	8.75"	7.0"	P-110	LT&C	23#
Production	8034'	6.25"	4.5"	P-110	LT&C	11.6#

Surface	Type & Amount
9 5/8" Surface Casing	Cement with approximately 480 sx Premiun Plus – Type III cement with additives mixed at 14.8 ppg (yield = 1.35 cuft/sx), calculated hole volume with 100% excess. Top out cement, if required: 100sx of Premium cement with additives mixed at 15.8 ppg (yield = 1.17 cuft/sx).

Intermediate	Type & Amount
7" Intermediate Casing	Lead with approximately 215 sx HOWCO Light Premium cement with additives, mixed at 11.0 ppg (yield = 3.14 cuft/sx). Tail with approximately 280 sx Halliburton 50/50 POZ Premium cement with additives mixed at 13.5 ppg (yield = 1.46 cuft/sx). Planned TOC = 1000' above the KOP (tail).

Production	Type & Amount
4 ½" Liner	No cement will be used in this section. Swell packers or Packers Plus (or equivalent) will be run to isolate the production hole from the intermediate casing section.

Note: Top of Tail cement for the intermediate string will be calculated to 1000' above the KOP using gauge hole plus 50% excess. Lead to surface.

4 Mud Program

Interval	Weight	Viscosity	Fluid Loss	Remarks
40' – 1,000'	8.4 – 8.8	26-36	NC	Freshwater Spud Mud Fluid System
1000 – 3000'	8.9 – 9.2	26-36	NC	Freshwater with sweeps
3000 – 4858'	9.2 – 9.4	42-55	6 – 10	Aerated Water PHPA
4858 – TD	9.0 – 9.2	45-58	4 – 10	Fresh Water PHPA

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at well site. Berry Petroleum Company may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

5 Bop and Pressure Containment Data

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000 – TD	11" 5000# Ram Type Bop
	11" 5000# Annular BOP

- Drilling spool to accommodate choke and kill lines
- Ancillary and choke manifold to be rated @ 5000 psi
- Ancillary equipment and choke manifold rated at 5000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all Bop pressure tests
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this matter.

6 Auxiliary Equipment

a) Upper Kelly cock; lower Kelly cock will be installed while drilling
b) Inside BOP or stab-in valve (available on rig floor)
c) Safety valve(s) and subs to fit all string connections in use
d) Mud monitoring will be visually observed

7 Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill system tests may be run on shows of interest
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals
Surveys	MWD as needed to land wellbore
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-PE-Microlog, Sonic-GR (all TD to surface)
	FMI & Sonic Scanner to be run at geologist's discretion.

Note: All open hole logs would be run on the proposed "pilot hole" portion of the wellbore. FMI and CAL may be run on the lateral portion of the horizontal wellbore at the geologist's discretion.

8 Anticipated Abnormal Pressures and Temperatures

No abnormal temperatures or pressures or other hazards are anticipated.
A gas buster will be utilized to handle the aerated mud.

Maximum anticipated bottom hole pressure equals approximately 2253 psi* and maximum anticipated surface pressure equals approximately 1256**psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TVD = A (bottom hole pressure)
**Maximum surface pressure = A – (0.22xTVD)

9 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Douglas E. & Yordis Nielsen source well located in Sec. 12, T5S, R6W, permit # 43-1628, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W .

10 Drilling Schedule

Anticipated Commencement Date:	Upon approval of the APD.
Drilling Days:	Approximately 25 days.
Completion Days:	Approximately 25 days.

Well Planning Proposal

FOR

Berry Petroleum Co.
LC Tribal 12H-6-56
Duchesne Co., UT

Well File: Design #1 (6/15/11)

Presented By:

Pat Rasmussen
Regional Manager

Bret Wolford
Well Planner

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

Berry Petroleum Company
Project: Duchesne Co., UT (UT27C)
Site: Sec.6-T5S-R6W
Well: LC Tribal 12H-6-56
Wellbore: Wellbore #1
Design: Design #1
Lat: 40° 4' 26.738 N
Long: 110° 35' 40.312 W
Pad GL: 6462.00
KB: WELL @ 6476.00usft

GREAT WHITE DIRECTIONAL SERVICES, L.L.C.

PROJECT DETAILS: Duchesne Co., UT (UT27C)
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: Utah Central 4302
System Datum: Mean Sea Level

T M

Azimuths to True North
Magnetic North: 11.53°

Magnetic Field
Strength: 52202.3snT
Dip Angle: 65.71°
Date: 06/15/2011
Model: IGRF2010

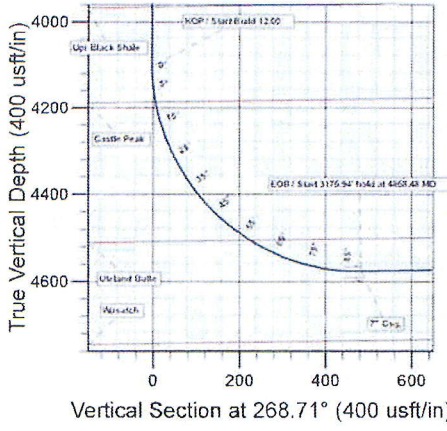
WELL DETAILS: LC Tribal 12H-6-56

Ground Level: 6462.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	635316.358	2253383.427	40° 4' 26.738 N	110° 35' 40.312 W	

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCT 12H-6-56 PBHL	4534.00	-82.41	-3658.94	40° 4' 25.921 N	110° 36' 27.382 W	Point

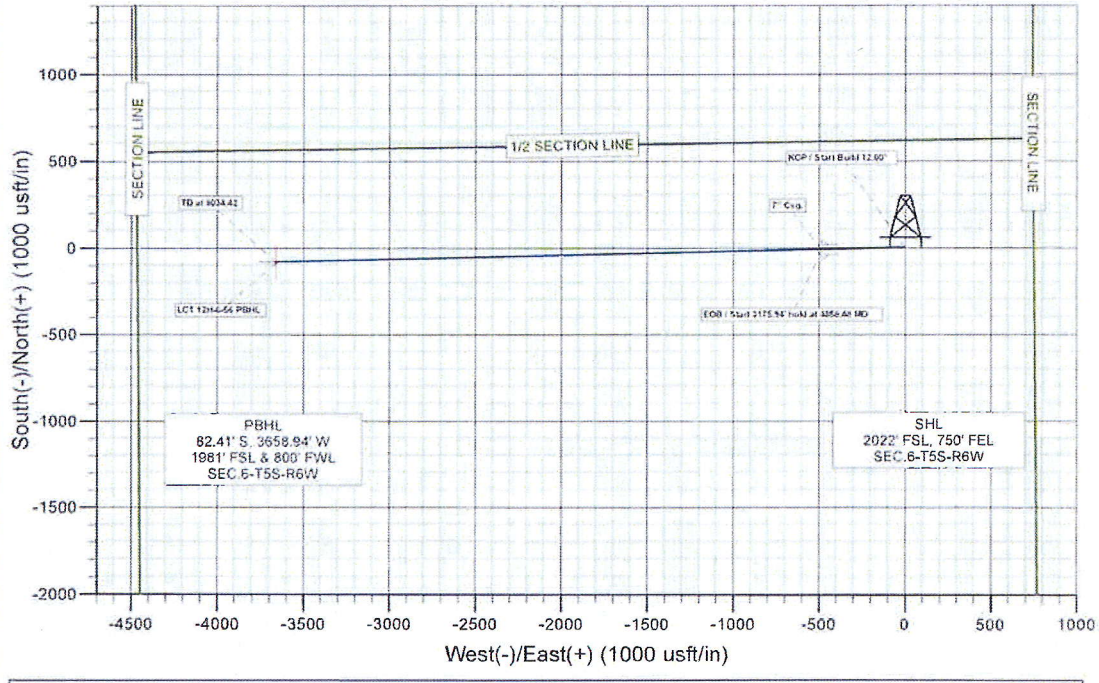


CASING DETAILS

TVD	MD	Name	Size
4579.12	4858.48	7" Csg.	7

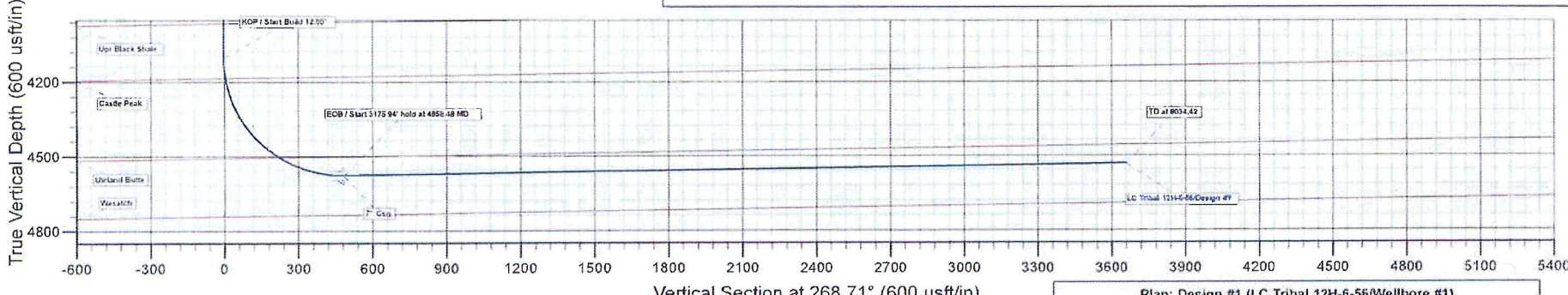
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
392.00	392.00	Green River
824.00	824.00	Fouch Mkr
1372.00	1372.00	Mahogany
2471.00	2471.00	Tgr3
3270.00	3270.00	Douglas Creek
3968.00	3968.00	Upr Black Shale
4188.89	4189.38	Castle Peak
4507.80	4587.28	Uteland Butte



SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4101.70	0.00	0.00	4101.70	0.00	0.00	0.00	0.00	0.00	KOP / Start Build 12.00°
4858.48	90.81	268.71	4579.12	-10.90	-484.13	12.00	268.71	484.25	EOB / Start 3175.94° hold at 4858.48 MD
8034.42	90.81	268.71	4534.00	-82.41	-3658.94	0.00	0.00	3659.87	TD at 8034.42



Plan: Design #1 (LC Tribal 12H-6-56/Wellbore #1)
Created By: Bret Wolford Date: 11:03, June 15 2011

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.6-T5S-R6W
LC Tribal 12H-6-56

Wellbore #1

Plan: Design #1

Standard Planning Report

15 June, 2011

GREAT WHITE
DIRECTIONAL SERVICES, L.L.C.

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6476.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6476.00usft
Site:	Sec.6-T5S-R6W	**North Reference:**	True
Well:	LC Tribal 12H-6-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	Duchesne Co., UT (UT27C)		
Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	Sec.6-T5S-R6W				
Site Position:		**Northing:**	635,316.363 usft	**Latitude:**	40° 4' 26.738 N
From:	Lat/Long	**Easting:**	2,253,383.427 usft	**Longitude:**	110° 35' 40.312 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.58 °

Well	LC Tribal 12H-6-56					
Well Position	**+N/-S**	0.00 usft	**Northing:**	635,316.358 usft	**Latitude:**	40° 4' 26.738 N
	+E/-W	0.00 usft	**Easting:**	2,253,383.427 usft	**Longitude:**	110° 35' 40.312 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,462.00 usft

Wellbore Wellbore #1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	06/15/11	11.53	65.71	52,202

Design Design #1

Audit Notes:

Version:		**Phase:**	PLAN	**Tie On Depth:**	0.00
Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**	
	4,534.00	0.00	0.00	268.71	

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,101.70	0.00	0.00	4,101.70	0.00	0.00	0.00	0.00	0.00	0.00	
4,858.48	90.81	268.71	4,579.12	-10.90	-484.13	12.00	12.00	0.00	268.71	LCT 12H-6-56 PBHL
8,034.42	90.81	268.71	4,534.00	-82.41	-3,658.94	0.00	0.00	0.00	0.00	LCT 12H-6-56 PBHL

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6476.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6476.00usft
Site:	Sec.6-T5S-R6W	**North Reference:**	True
Well:	LC Tribal 12H-6-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
Green River									
392.00	0.00	0.00	392.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
Fouch Mkr									
824.00	0.00	0.00	824.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
Mahogany									
1,372.00	0.00	0.00	1,372.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Tgr3									
2,471.00	0.00	0.00	2,471.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
Douglas Creek									
3,270.00	0.00	0.00	3,270.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
Upr Black Shale									
3,968.00	0.00	0.00	3,968.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6476.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6476.00usft
Site:	Sec.6-T5S-R6W	**North Reference:**	True
Well:	LC Tribal 12H-6-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
KOP / Start Build 12.00°									
4,101.70	0.00	0.00	4,101.70	0.00	0.00	0.00	0.00	0.00	0.00
4,125.00	2.80	268.71	4,124.99	-0.01	-0.57	0.57	12.00	12.00	0.00
4,150.00	5.80	268.71	4,149.92	-0.05	-2.44	2.44	12.00	12.00	0.00
4,175.00	8.80	268.71	4,174.71	-0.13	-5.61	5.62	12.00	12.00	0.00
Castle Peak									
4,189.38	10.52	268.71	4,188.89	-0.18	-8.03	8.03	12.00	12.00	0.00
4,200.00	11.80	268.71	4,199.31	-0.23	-10.08	10.08	12.00	12.00	0.00
4,225.00	14.80	268.71	4,223.63	-0.36	-15.83	15.83	12.00	12.00	0.00
4,250.00	17.80	268.71	4,247.63	-0.51	-22.84	22.85	12.00	12.00	0.00
4,275.00	20.80	268.71	4,271.22	-0.70	-31.10	31.11	12.00	12.00	0.00
4,300.00	23.80	268.71	4,294.35	-0.91	-40.58	40.59	12.00	12.00	0.00
4,325.00	26.80	268.71	4,316.95	-1.15	-51.26	51.27	12.00	12.00	0.00
4,350.00	29.80	268.71	4,338.96	-1.42	-63.10	63.12	12.00	12.00	0.00
4,375.00	32.80	268.71	4,360.32	-1.71	-76.09	76.11	12.00	12.00	0.00
4,400.00	35.80	268.71	4,380.97	-2.03	-90.17	90.19	12.00	12.00	0.00
4,425.00	38.80	268.71	4,400.86	-2.37	-105.31	105.34	12.00	12.00	0.00
4,450.00	41.80	268.71	4,419.92	-2.74	-121.47	121.50	12.00	12.00	0.00
4,475.00	44.80	268.71	4,438.11	-3.12	-138.61	138.65	12.00	12.00	0.00
4,500.00	47.80	268.71	4,455.39	-3.53	-156.68	156.72	12.00	12.00	0.00
4,525.00	50.80	268.71	4,471.69	-3.96	-175.62	175.67	12.00	12.00	0.00
4,550.00	53.80	268.71	4,486.98	-4.40	-195.39	195.44	12.00	12.00	0.00
4,575.00	56.80	268.71	4,501.21	-4.86	-215.94	215.99	12.00	12.00	0.00
Uteland Butte									
4,587.28	58.27	268.71	4,507.80	-5.10	-226.30	226.36	12.00	12.00	0.00
4,600.00	59.80	268.71	4,514.34	-5.34	-237.20	237.26	12.00	12.00	0.00
4,625.00	62.80	268.71	4,526.35	-5.84	-259.12	259.19	12.00	12.00	0.00
4,650.00	65.80	268.71	4,537.19	-6.34	-281.64	281.71	12.00	12.00	0.00
4,675.00	68.80	268.71	4,546.84	-6.86	-304.69	304.77	12.00	12.00	0.00
4,700.00	71.80	268.71	4,555.27	-7.39	-328.22	328.30	12.00	12.00	0.00
4,725.00	74.80	268.71	4,562.45	-7.93	-352.16	352.25	12.00	12.00	0.00
4,750.00	77.80	268.71	4,568.37	-8.48	-376.44	376.53	12.00	12.00	0.00
4,775.00	80.80	268.71	4,573.02	-9.03	-400.99	401.09	12.00	12.00	0.00
4,800.00	83.80	268.71	4,576.37	-9.59	-425.76	425.87	12.00	12.00	0.00
4,825.00	86.80	268.71	4,578.42	-10.15	-450.66	450.78	12.00	12.00	0.00
4,850.00	89.80	268.71	4,579.16	-10.71	-475.64	475.76	12.00	12.00	0.00
EOB / Start 3175.94' hold at 4858.48 MD - 7" Csg.									
4,858.48	90.81	268.71	4,579.12	-10.90	-484.12	484.24	12.00	12.00	0.00
4,900.00	90.81	268.71	4,578.53	-11.84	-525.63	525.76	0.00	0.00	0.00
5,000.00	90.81	268.71	4,577.11	-14.09	-625.59	625.75	0.00	0.00	0.00
5,100.00	90.81	268.71	4,575.69	-16.34	-725.56	725.74	0.00	0.00	0.00
5,200.00	90.81	268.71	4,574.26	-18.59	-825.52	825.73	0.00	0.00	0.00
5,300.00	90.81	268.71	4,572.84	-20.85	-925.49	925.72	0.00	0.00	0.00
5,400.00	90.81	268.71	4,571.42	-23.10	-1,025.45	1,025.71	0.00	0.00	0.00
5,500.00	90.81	268.71	4,570.00	-25.35	-1,125.41	1,125.70	0.00	0.00	0.00
5,600.00	90.81	268.71	4,568.58	-27.60	-1,225.38	1,225.69	0.00	0.00	0.00
5,700.00	90.81	268.71	4,567.16	-29.85	-1,325.34	1,325.68	0.00	0.00	0.00
5,800.00	90.81	268.71	4,565.74	-32.10	-1,425.31	1,425.67	0.00	0.00	0.00
5,900.00	90.81	268.71	4,564.32	-34.35	-1,525.27	1,525.66	0.00	0.00	0.00
6,000.00	90.81	268.71	4,562.90	-36.61	-1,625.24	1,625.65	0.00	0.00	0.00
6,100.00	90.81	268.71	4,561.48	-38.86	-1,725.20	1,725.64	0.00	0.00	0.00
6,200.00	90.81	268.71	4,560.06	-41.11	-1,825.17	1,825.63	0.00	0.00	0.00
6,300.00	90.81	268.71	4,558.64	-43.36	-1,925.13	1,925.62	0.00	0.00	0.00

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6476.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6476.00usft
Site:	Sec.6-T5S-R6W	**North Reference:**	True
Well:	LC Tribal 12H-6-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,400.00	90.81	268.71	4,557.22	-45.61	-2,025.10	2,025.61	0.00	0.00	0.00
6,500.00	90.81	268.71	4,555.80	-47.86	-2,125.06	2,125.60	0.00	0.00	0.00
6,600.00	90.81	268.71	4,554.38	-50.12	-2,225.02	2,225.59	0.00	0.00	0.00
6,700.00	90.81	268.71	4,552.96	-52.37	-2,324.99	2,325.58	0.00	0.00	0.00
6,800.00	90.81	268.71	4,551.53	-54.62	-2,424.95	2,425.57	0.00	0.00	0.00
6,900.00	90.81	268.71	4,550.11	-56.87	-2,524.92	2,525.56	0.00	0.00	0.00
7,000.00	90.81	268.71	4,548.69	-59.12	-2,624.88	2,625.55	0.00	0.00	0.00
7,100.00	90.81	268.71	4,547.27	-61.37	-2,724.85	2,725.54	0.00	0.00	0.00
7,200.00	90.81	268.71	4,545.85	-63.63	-2,824.81	2,825.53	0.00	0.00	0.00
7,300.00	90.81	268.71	4,544.43	-65.88	-2,924.78	2,925.52	0.00	0.00	0.00
7,400.00	90.81	268.71	4,543.01	-68.13	-3,024.74	3,025.51	0.00	0.00	0.00
7,500.00	90.81	268.71	4,541.59	-70.38	-3,124.71	3,125.50	0.00	0.00	0.00
7,600.00	90.81	268.71	4,540.17	-72.63	-3,224.67	3,225.49	0.00	0.00	0.00
7,700.00	90.81	268.71	4,538.75	-74.88	-3,324.63	3,325.48	0.00	0.00	0.00
7,800.00	90.81	268.71	4,537.33	-77.13	-3,424.60	3,425.47	0.00	0.00	0.00
7,900.00	90.81	268.71	4,535.91	-79.39	-3,524.56	3,525.46	0.00	0.00	0.00
8,000.00	90.81	268.71	4,534.49	-81.64	-3,624.53	3,625.45	0.00	0.00	0.00
TD at 8034.42 - LCT 12H-6-56 PBHL									
8,034.42	90.81	268.71	4,534.00	-82.41	-3,658.94	3,659.87	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
LCT 12H-6-56 PBHL - plan hits target center	0.00	0.00	4,534.00	-82.41	-3,658.94	635,196.909	2,249,725.510	40° 4' 25.921 N	110° 36' 27.382 W

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
4,858.48	4,579.12	7" Csg.	7	8-3/4

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
392.00	392.00	Green River		-0.81	268.71
824.00	824.00	Fouch Mkr		-0.81	268.71
1,372.00	1,372.00	Mahogany		-0.81	268.71
2,471.00	2,471.00	Tgr3		-0.81	268.71
3,270.00	3,270.00	Douglas Creek		-0.81	268.71
3,968.00	3,968.00	Upr Black Shale		-0.81	268.71
4,189.38	4,189.00	Castle Peak		-0.81	268.71
4,587.28	4,511.00	Uteland Butte		-0.81	268.71

Database:	EDM 5000.1 EDMDBBW	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Company:	Berry Petroleum Company	**TVD Reference:**	WELL @ 6476.00usft
Project:	Duchesne Co., UT (UT27C)	**MD Reference:**	WELL @ 6476.00usft
Site:	Sec.6-T5S-R6W	**North Reference:**	True
Well:	LC Tribal 12H-6-56	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	+E/-W (usft)	Comment
4,101.70	4,101.70	0.00	0.00	KOP / Start Build 12.00°
4,858.48	4,579.12	-10.90	-484.13	EOB / Start 3175.94' hold at 4858.48 MD
8,034.42	4,534.00	-82.41	-3,658.94	TD at 8034.42

Berry Petroleum Company (BRY NYSE)

Geologic Prognosis

Field Name	Renew
Lake Canyon	APD BLM Renew

Well Name: 12H-6-56

County	APD State
Duchesne	Utah
Ground Elevation (ftKB)	**Original KB Elevation (ftKB)**
6,462	6,476
Elevation Estimated?	
No	

WSN:
WSN
50153

Permit Status
Permit Status
WO SURVEY

SHL:

Surface Legal Location	N/S Dist (ft)	N/S Ref	E/W Dist (ft)	E/W Ref
NESE Sec 6 T5S-R6W	2,022.0	S	750.0	E

BHL:

Bottom Hole Legal Location	NS Dist (ft)	NS Flag	EW Dist (ft)	E/W Flag
Sec 6 T5S-R6W	1,981.0	S	800.0	W

Comment

Vertical pilot will be drilled at surface location approximately 300' into the Wasatch; then plugged back to KOP for horizontal leg. The lateral portion of the wellbore would then be drilled horizontally through the prospective zone within the Uteland Butte, as identified by open hole logs from the pilot hole.

Formation	Depth @ SHL TVD (ftKB)	Depth @ BHL TVD (ftKB)	Measured Depth (ftKB)
Uinta	0	0	0
Green River	392	392	392
Green River Fouch Mkr	824	824	824
Mahogany	1,372	1,372	1,372
Tgr3	2,471	2,471	2,471
Douglas Creek	3,270	3,270	3,270
Upper Black Shale	3,968	3,968	3,968
KOP			4,101
Castle Peak	4,189		4,189
Uteland Butte	4,511		4,587
UB-2 MARKER	4,586	4,534	
LANDING POINT			4,858
Wasatch	4,745		
TD	5,045		8,034
Base of Moderate Saline H2O	4,932		
Prospective Pay:UB-2 is the primary objective			

Core Program

Type	Comment	Top (ftKB)	Btm (ftKB)
Coring	None		

Drill Stem Tests

Type	Comment	Top (ftKB)	Btm (ftKB)
DST Data	None		

Mud Logging

Type	Comment	Top (ftKB)	Btm (ftKB)
Mud Logging	Two-man unit on lateral leg		

Logging Program

Type	Comment	Top (ftKB)	Btm (ftKB)
OH Logging	Triple Combo on Vertical Pilot. Triple Combo and FMI on lateral at geologist's discretion.		
Surveys	MWD as needed to land wellbore.		

BOP Requirements: 2M

Estimated Drill Time: Est Days: 8 **Comp Time:** 10 days

Prepared: Prognosis: 6/6/2011

SHL Lat Long Survey

Datum	Latitude (DMS)	Longitude (DMS)
NAD 27	40° 4' 26.02" N	110° 35' 40.77" W

BHL Lat Long Survey

Lat/Long D	Latitude (DMS)	Longitude (DMS)
NAD 27	40° 4' 24.98" N	110° 36' 28.33" W

Comment

Created: June 6, 2011 - (JLP) Formation tops for vertical pilot and horizontal Uteland Butte test.

Report Printed: 8/4/2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 8/30/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 12H-6-56 WAS SPUD ON MAY 20, 2011.
NO FURTHER ACTIVITY HAS TAKEN PLACE.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 8/30/2011

RECEIVED Aug. 30, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
✓ DRILLING REPORT Report Date: 9/26/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 12H-6-56 WAS SPUD ON MAY 20, 2011.
NO FURTHER ACTIVITY HAS TAKEN PLACE.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 9/26/2011

RECEIVED Sep. 26, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/6/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	✓ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BERRY PETROLEUM WOULD LIKE TO REQUEST THE STATUS OF THIS WELL BE CHANGED TO CONFIDENTIAL.

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Kathy K. Fieldsted	435 722-1325	Sr. Regulatory & Permitting Tech.
SIGNATURE N/A		**DATE** 10/28/2011

RECEIVED Oct. 28, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 10/27/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 12H-6-56 WAS SPUD ON MAY 20, 2011.
NO FURTHER ACTIVITY HAS TAKEN PLACE.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brooke Broadhead	435 722-1325	Regulatory Assistant
SIGNATURE N/A		**DATE** 10/27/2011

RECEIVED Oct. 27, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

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2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

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4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 12H-6-56 WAS SPUD ON MAY 20, 2011.
NO FURTHER ACTIVITY HAS TAKEN PLACE.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brooke Broadhead	435 722-1325	Regulatory Assistant
SIGNATURE N/A		**DATE** 10/27/2011

RECEIVED Oct. 27, 2011

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

November 12, 2011

43-013-33606

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Spud notice

Begin at approx. 5:00 pm on Sunday November 12, 2011

LC Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297

Sincerely,
Kim D. Gritz
Drilling Consultant

RECEIVED
NOV 15 2011
DIV. OF OIL, GAS & MINING

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

43-013-33606

November 16, 2011

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: BOP test.

Begin at approx. 11:30 pm on Wednesday October 16, 2011

Lake Canyon Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297.

Sincerely
George Urban
Drilling Consultant

RECEIVED
NOV 16 2011
DIV. OF OIL, GAS & MINING

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

November 15, 2011

43-013-33606

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: cement 9 5/8 casing.

Begin at approx. 7:00 pm on Tuesday November 15, 2011

LC Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297

Sincerely,
George Urban
Drilling Consultant

RECEIVED
NOV 15 2011
DIV. OF OIL, GAS & MINING

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

November 21, 2011

43-013- 33606
LC Tribal 12H-6-56

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Set cement plug.

Begin at approx. 22:00 pm on Tuesday November 21, 2011

LC
~~Lake Canyon~~ Tribal 12H-6-56 2022' FSL, 750' FEL NESE

Section 6 T5S R6W

Lease # 1420H625500

If you have any questions or need more information, please call me at 970-361-3297

Sincerely,
George Urban
Drilling Consultant

RECEIVED
NOV 2 2 2011
DIV. OF OIL, GAS & MINING

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

43-013-33606

November 26, 2011

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Cement Intermediate casing.

Begin at approx. 5:30 pm on Sunday November 27, 2011

LC Tribal 12H-6-56 2022' FSL, 750' FEL NE/SE

Section 6 T5S R6W

Lease # 14-20-H62-5500

If you have any questions or need more information, please call me at 970-361-3297.

Sincerely
George Urban
Drilling Consultant

RECEIVED
NOV 29 2011
DIV. OF OIL, GAS & MINING

Berry Petroleum Company
RT 2 Box 7735
3846 S Hwy 40
Roosevelt, Utah
(435) 722-1325

CONFIDENTIAL

43-013-33606

December 7, 2011

State of Utah OG&M
Carol Daniels
Salt Lake City, Utah

Re: Running 4 ½" Production liner

Begin at approx. 08:00 am on Thursday December 8, 2011

LC Tribal 12H-6-56 ~~2424~~ surf cg 2022 FSL, ~~753~~ 750 FEL NESE

Section 6 T5S R6W

Lease # 14-20H62-5500

If you have any questions or need more information, please call me at 970-361-3297.

Sincerely,
Kim D. Gritz
Drilling Consultant

RECEIVED
DEC 07 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
14-20-H62-5500

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LC TRIBAL 12H-6-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013336060000

3. ADDRESS OF OPERATOR:
4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER:
303 999-4044 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 12/10/2011	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE SEE THE ATTACHED DRILLING HISTORY FOR THE LC TRIBAL 12H-6-56.

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brooke Broadhead	435 722-1325	Regulatory Assistant
SIGNATURE		**DATE**
N/A		12/19/2011

Berry Daily Drilling Report

Report Date: 11/7/2011
Report #: 1, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rig down & prepare to mob to LCT 12H-6-5-6	Rig down & prepare to mob. to LCT 12H-6-56

Operations Summary: Rig down& prepare to mob. to LCT 12H-6-56

Remarks: Saftey Meeting: Rigging down

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	28.0	Dry	Conductor

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
16,905	16,905

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
18:00	06:00	12.00	Rig Up & Tear Down	Rig down & prepare to mob. to LCT 12H-6-56

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/8/2011
Report #: 2, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rig down & prepare to mob to LCT 12H-6-5-6	Work on rig - Cont. Prepare f/ Mob. to LCT 12H -6-56

Operations Summary
Rig down& prepare to mob. to LCT 12H-6-56. Cont. rigging down. Pumps & water circ. system winterized, Mud tanks cleaned, Gas buster ready to lay over, Sub- scoped down, BOP preped f/ hauling. Welders worked on audit list all day.

Remarks
Saftey Meeting: Rigging down 12" gasbuster lines & flowline.

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	25.0	Wet	Conductor

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Rig Up & Tear Down	Cont. rigging down. Pumps winterized,Mud tanks cleaned, Gas buster ready to lay over, Sub- scoped down, BOP preped f/ hauling. Welders worked on audit list all day.
18:00	06:00	12.00	inactive	Crews on daylights

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
16,905	33,810

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/9/2011
Report #: 3, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Mob. to LCT 12H-6-56	Mob. to LCT 12H-6-56. Moving rig Wed. & Camps Thurs.

Operations Summary
Rig down & prepare to mob. to LCT 12H-6-56. Cont. rigging down. Welders worked on audit list all day. Rig ready for trucks @ 07:00.

Remarks
Saftey Meeting: Rig move w/ WestRocTrucking Company.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	15.0	Dry	Conductor

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
24,150	57,960

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	14:00	8.00	Rig Up & Tear Down	Rig down & pre-pare to mob. to LCT 12H-6-56.
14:00	18:00	4.00	Repair Rig	Welders working on audit list fro Patterson Safety Dept. Repairing handrails, Installing a "walk around " the BOP in the sub. Repairing guards on moving equip. Mounting fire ext. in various locations. Repair various ladders/stairs.
18:00	06:00	12.00	inactive	Working daylights only.

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Mud Additive Amounts

Description	Consumed	Daily Cost

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Diesel Fuel Consumption

Date	Consumed

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/10/2011
Report #: 4, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Load out Unit & Mob. camps to LCT 12H-6-56	Rig up on the LCT 12H-6-56. Move & R/U Camps.

Operations Summary

Moved rig off of the FT 12H-33-55. Mud pumps, mud tanks, Matting boards, Gen. set, Diesel tank, 2 of 4 pipe tubs, Boiler, Water tank & dog house, on the LCT 12H-6-56 or staged & ready to set in. The rig had to be prepare to legaly be move on US Hwy 40 . Will truck derrick & Unit to LCT 12H-6-56 1st load this morning.

Remarks

Saftey Meeting: Rig move w/ WestRocTrucking Company rigging up.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	16.0	Dry	Conductor

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
16,155	74,115

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Rig Up & Tear Down	Moved rig off of the FT 12H-33-55. Mud pumps, mud tanks, Matting boards, Gen. set, Diesel tank, 2 of 4 pipe tubs, Boiler, Water tank & dog house, on the LCT 12H-6-56 or staged & ready to set in. Will truck derrick & Unit to LCT 12H-6-56 1st load this morning. WestRoc Equip. & Personnel: 4 bed trucks 2 Pole trucks 2 forklifts 13 haul trucks 3 swampers 1 Truck pusher
18:00	06:00	12.00	inactive	Crews working daylights only.

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Berry Daily Drilling Report

Report Date: 11/10/2011
Report #: 4, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 11/11/2011
Report #: 5, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rig up on the LCT 12H-6-56	Rig up on the LCT 12H-6-56. Nipple up 14" drilling nipple.

Operations Summary
Hauled derrick & Unit to LCT 12H-6-56. Set Mud tanks, Sub-Structure, Drove unit on to mud-boat, Intalled derrick back on unit. Staged all other loads on or close to the LCT 12H-6-56.

Remarks
Saftey Meeting: Rig move w/ WestRocTrucking Company rigging up awareness.

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	15.0	Dry	Conductor

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
16,155	90,270

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Rig Up & Tear Down	Hauled derrick & Unit to LCT 12H-6-56. Set Mud tanks, Sub-Structure, Drove unit on to mud-boat, Intalled derrick back on unit. Staged all other loads on or close to the LCT 12H-6-56. WestRoc Equip. & Personnel: 4 bed trucks 2 Pole trucks 2 forklifts 13 haul trucks 3 swampers 1 Truck pusher
18:00	06:00	12.00	inactive	Crew working daylights only.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/11/2011
Report #: 5, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/12/2011
Report #: 6, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rig up on the LCT 12H-6-56.	Rig up on the LCT 12H-6-56. Hook up steam lines & heaters, Nipple up 14" drilling nipple.

Operations Summary

Rig set in trucks released @ 15:30. Derrick 1/2 mast. (lost 3 hrs. due to raising ram seal failure) Sub not raised. Back yard hooked up with the exception of the steam system. Great White tools on location. Zeco centrifuges ready to go. Still some welding to do.

Remarks

Saftey Meeting: Rigging up steam lines & winterizing.

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	18.0	Dry	Conductor

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Rig Up & Tear Down	Rig set in trucks released @ 15:30. Derrick 1/2 mast. (lost 3 hrs. due to raising ram seal failure) Sub not raised. Back yard hooked up with the exception of the steam system. Zeco centrifuges ready to go. Still some welding to do. WestRoc Equip. & Personnel: 2 bed trucks 2 Pole trucks 1 forklifts 4 haul trucks 3 swampers 1 Truck pusher
18:00	06:00	12.00	inactive	Crews worked daylights only. Will break tour today.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
13,973	104,243

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/12/2011
Report #: 6, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 11/13/2011
Report #: 7, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rig up / Nipple up 14" conductor.	Nipple up 14" drilling nipple. M/U 12 1/4" BHA & drill surface hole.

Operations Summary
Repaired derrick board walk-way, Raised derrick @ 11:50 hrs., Raised Sub @ 15:30 hrs., R/U floor, welders working on safety audit list, install exhaust on #1 pump,

Remarks
Saftey Meeting: Raising derrick
Fuel used: 346 Fuel on hand: 7106

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	25.0	Dry	Conductor

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	19:00	13.00	Miscellaneous	Standby - safety audit welding & rig up. Raised derrick @ 11:50 hrs., Raised Sub @ 15:30 hrs., R/U floor, & remainder of back yard, Put up wind walls around sub & rig floor. Welders working on safety audit list: Install exhaust on #1 pump. Finish drive shaft cover under carrier Repaired derrick board walk-way (toe-board) Mount brackets for lights Brackets for water line #1 pump house Repair & fab hand rails around carrier
19:00	06:00	11.00	inactive	2 x Crews on days to day. Will work moring tour tomorrow.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
25,690	129,933

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
0	0

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/13/2011
Report #: 7, DFS:
Depth Progress:

Well Name: LC TRIBAL 12H-6-56

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/14/2011
Report #: 8, DFS: 0.2
Depth Progress: 50

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilled 12 1/4" surface hole to 160'. P/U EM tool	Drill surface hole to +/- 1000'

Operations Summary
Stand-by audit welding until 14:00. N/U 14" x 16" riser w/ rotating head, M/U Swivel & kelly, set MH, Strap & caliper BHA, M/U 12 1/4" Surface drilling assembly, Drilled 12 1/4" surface hole f/ 110' to 160'.

Remarks
Saftey Meeting: P/U 8" BHA.
Fuel used: 1458 Fuel on hand: 5648

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	31.0	Dry	Conductor

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
35,765	165,698

Daily Mud Cost	Mud Additive Cost To Date

Depth Start (ftKB)	Depth End (ftKB)
110	160

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
110	160

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	14:00	8.00	Miscellaneous	Stand-by audit welding. (Cont. R/U wherever possible)
14:00	18:00	4.00	NU/ND BOP	Weld 14" x 16" Riser w/ Rotating head. Hook-up flow line. (No additional fabrication of flowline necessary)
18:00	19:30	1.50	Rig Up & Tear Down	P/U Swivel & kelly - hook up kelly hose - P/U bails & elevators. Install MH. Fill mud tanks w/ salvage spud mud.
19:30	20:00	0.50	Miscellaneous	Strap & caliper BHA.
20:00	01:00	5.00	Trips	Held PJSM & P/U 12 1/4" Bit - 8" Mud Motor - 8" Shock - 8" Monel DC.
01:00	01:30	0.50	Miscellaneous	Perform Pre-Spud Rig inspection - Tighten caps #2 pump - tighten turn buckles on conductor.
01:30	06:00	4.50	Drilling	Drill 12 1/4' Surface hole w/ AA wob, 380 gpm, 55 rpm. (set back kelly to make 8 DC connections)

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Water Base	05:00	135.0	8.80	45		

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #1, Surface #1

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, EOH 27S, 1155638	3-7-FC-A-7-2-CD-TD	0.92

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
20/20/20	1,009.06	54	25.3

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	44.00							
	4" XT-39 Drill Pipe	4	0.00							
21	4" XT-39 HWDP	4	645.00							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	XO Sub	6	2.60							
2	Drill Collar	8	58.61							
1	MWD - Gap sub	8	5.60							

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/14/2011
Report #: 8, DFS: 0.2
Depth Progress: 50

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	NMDC	8	28.60							
1	Stabilizer	8	4.10							
1	Shock Sub	8	9.96							
1	Mud Motor 188hp 7/8 L - 4 stg -.16 rpg	8	27.89	7.8	4.0	0.160	6.66	300	900	

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	110.0	160.0	50.00	4.50	4.50	11.1	400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
25	55	190.0	28	28	28	3,600.0	3,000.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	64							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/15/2011
Report #: 9, DFS: 1.2
Depth Progress: 696

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 856'	Drill surface hole to 1062', circ, pooh ly/dn 8" DC, run 9 5/8 csg and cement N/U bop.

Operations Summary
Stand back 8" dc pk/up muw program tool, trip in 8" DC, Drill f/160' to 180', Replace hydraulic hose on ST-80, Drill f/ 180' to 363', c/o xo subs, Drill f/363' to 395', c/o rotating rubber, drill f/395' to 856'.

Remarks
Saftey Meeting: P/U HWDP
Fuel used: 1082 Fuel on hand: 4566

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	24.0	Dry	Conductor

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Conductor	92	14	14" Conductor set by Leon Ross.

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	06:30	0.50	Trips	Stand back 8" DC
06:30	08:00	1.50	Directional Work	Make up mwd tool and gap sub program same.
08:00	08:30	0.50	Trips	Trip in 8" DC
08:30	09:00	0.50	Drilling	Drill f/160' to 180'
09:00	10:00	1.00	Repair Rig	Replace hydraulic hose on ST-80
10:00	16:00	6.00	Drilling	Drill f/ 180' to 363'
16:00	17:00	1.00	Miscellaneous	C/O xo subs 4 1/2 XH x 4" XT-39 and 4"FH to XT-39
17:00	18:00	1.00	Drilling	Drill f/363' to 395'
18:00	19:00	1.00	Miscellaneous	C/O rotating rubber element.
19:00	06:00	11.00	Drilling	Drill f/395' to 856' 35k wob, 610 gpm, 1100 psi, 42 fph.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Spud	06:00	360.0	8.75	35		4.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
3.000	6.000	9.000	12.0	1	9.5	3.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		97.0	1,000.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					315.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #1, Surface #1

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, EOH 27S, 1155638	3-7-FC-A-7-2-CD-TD	0.92

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
20/20/20	1,009.06	54	25.3

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	44.00							
	4" XT-39 Drill Pipe	4	0.00							
21	4" XT-39 HWDP	4	645.00							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	XO Sub	6	2.60							
2	Drill Collar	8	58.61							
1	MWD - Gap sub	8	5.60							
1	NMDC	8	28.60							
1	Stabilizer	8	4.10							
1	Shock Sub	8	9.96							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
25,715	191,413

Daily Mud Cost	Mud Additive Cost To Date
1,397	1,397

Depth Start (ftKB)	Depth End (ftKB)
160	856

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
160	856

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	85.0	565.25
Engineer	1.0	625.00
Tax	1.0	207.10

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/15/2011
Report #: 9, DFS: 1.2
Depth Progress: 696

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Motor 188hp 7/8 L - 4 stg -.16 rpg	8	27.89	7.8	4.0	0.160	6.66	300	900	

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	160.0	856.0	746.00	21.00	25.50	33.1	610

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
35	65	1,150.0	48	50	40	3,600.0	3,000.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	97							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
167.00	0.18	339.49	167.00	0.25	-0.09	0.09	0.11
349.00	0.26	305.39	349.00	0.75	-0.53	0.51	0.08
533.00	0.88	295.10	532.99	1.59	-2.15	2.11	0.34
718.00	1.19	248.78	717.96	1.50	-5.23	5.19	0.47

Berry Daily Drilling Report

Report Date: 11/16/2011
Report #: 10, DFS: 2.2
Depth Progress: 153

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rigging up Pro Petro cementers.	Cement 9 5/8 csg, cut off drilling riser, weld on Cameron well head, n/u bop, test, rig up gas buster and pk/up bha #2

Operations Summary

Drill f/856' to 947', rig service tighten drive line bolts, drill f/947' to 1009', circ, pump 2 Hi vis sweeps, pooh tight conn. on hwdp, 1 hr ST-80 repair,Ly/dn 8" DC, monel, MWD and mud motor. Clear floor and blow kelly down. PJSM w/WFT casers and rig up, ran 24 jts 9 5/8 36 lb K-55 LT&C casing Guide shoe @ 1001'. FC @ 965', r/d casers, install circ swedge and circ, r/u Pro Petro cementers.

Remarks

Saftey Meeting: Tripping pipe & running casing.
Fuel used: 804 Fuel on hand: 3762

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	25.0	Dry	Conductor

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	12:00	6.00	Drilling	Drill f/856' to 947'
12:00	13:00	1.00	Lubricate Rig	Rig service tighten bolts on drive line.
13:00	17:00	4.00	Drilling	Drill f/947' to 1009'
17:00	18:30	1.50	Condition Mud & Circulate	Circ, pump 2-Hi vis sweeps around. Hook up 2" fill up line.
18:30	21:00	2.50	Trips	POOH
21:00	22:00	1.00	Repair Rig	ST-80 repair
22:00	01:00	3.00	LD Drillpipe	Ly/dn 8" DC, monel, MWD and mud motor.
01:00	01:30	0.50	Miscellaneous	Clean floor and blow kelly down.
01:30	02:30	1.00	Run Casing & Cement	PJSM w/WFT casing crew and rig up power tongs and ly/dn machine.
02:30	05:00	2.50	Run Casing & Cement	Ran 24 jts 9 5/8 36 lb K-55 casing set @ 1001' FC @ 965'
05:00	06:00	1.00	Run Casing & Cement	Rig down WFT casing tools, make up circ. swedge and circ. Rig up Pro Petro cementers.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Spud	06:00	998.0	9.20	51		16.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
13.000	25.000	38.000	9.6	2	9.2	6.4

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		93.6	1,350.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					351.0

Air Data

11/15/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.30	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #1, Surface #1

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	12 1/4in, EOH 27S, 1155638	3-7-FC-A-7-2-CD-TD	0.92

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
20/20/20	1,009.06	54	25.3

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	44.00							
	4" XT-39 Drill Pipe	4	0.00							
21	4" XT-39 HWDP	4	645.00							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
76,297	267,710

Daily Mud Cost	Mud Additive Cost To Date
2,559	3,956

Depth Start (ftKB)	Depth End (ftKB)
856	1,009

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
856	1,009

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	90.0	598.50
Engineer	1.0	625.00
Pallets	29.0	522.00
Sawdust	25.0	102.50
Shrink Wrap	28.0	504.00
Tax	1.0	207.10

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/16/2011
Report #: 10, DFS: 2.2
Depth Progress: 153

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	XO Sub	6	2.60							
2	Drill Collar	8	58.61							
1	MWD - Gap sub	8	5.60							
1	NMDC	8	28.60							
1	Stabilizer	8	4.10							
1	Shock Sub	8	9.96							
1	Mud Motor 188hp 7/8 L - 4 stg -.16 rpg	8	27.89	7.8	4.0	0.160	6.66	300	900	

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	856.0	1,009.0	899.00	10.00	35.50	15.3	610

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
40	65	1,550.0	63	68	60	0.0	0.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	97							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
901.00	1.23	245.80	900.92	0.01	-8.79	8.79	0.04
963.00	1.76	250.81	962.90	-0.58	-10.30	10.31	0.88

Berry Daily Drilling Report

Report Date: 11/17/2011
Report #: 11, DFS: 3.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
N/U BOPE	N/U BOP test, pk/up bha #2 tih drill 8 3/4 pilot hole.

Operations Summary

Rig up cementers, test lines to 1500 psi. Cemented 9 5/8 casing as follows. Pump 10 BBL's of fresh water ahead Then 495 sk's (101.5 BBL's) Premium Class G 100% (BWOC) 2% CaCl2 1/4 #/sk flocele. Wt. 15.8 ppg, Yld 1.15 cuft/sk, MWR 5 gal/sk. Drop plug, Displace w/ 74.5 bbl water, FCP was 380 PSI @ 2.5 BPM Bump plug to 900 PSI , Floats held, 30 bbl cement return to surface. Full returns through out job. Cement held static at surface. CIP @ 08:10 hrs. on 11-16-2011. WOC, dump cuttings tank, flush flow line, pump out cellar, thaw out wtater pump, Cut and ly/out drilling riser, dress 9 5/8 casing for well head. Weld on Cameron SS well head, dig out cellar, plumb in gas buster and choke. Install spool, lock down flange and N/U stack.

Remarks

Saftey Meeting: N/U BOP
Boiler 12 hrs.
Fuel used: 784 Fuel on hand: 2478
2-men short on days 1 short on nights.

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	21.0	Dry	Conductor

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:30	2.50	Run Casing & Cement	PJSM w/Pro Petro cementers. Test lines to 1500 psi. Cemented 9 5/8 casing as follows. Pump 10 BBL's of fresh water ahead Then 495 sk's (101.5 BBL's) Premium Class G 100% (BWOC) 2% CaCl2 1/4 #/sk flocele. Wt. 15.8 ppg 1.15 cuft/sk Yld, 5 gal/sk MWR. Drop plug, Displace w/ 74.5 bbl water, FCP was 380 PSI @ 2.5 BPM Bump plug to 900 PSI , Floats held, 30 bbl cement return to surface. Full returns through out job. Cement held static at surface. CIP @ 08:10 hrs. on 11-16-2011.
08:30	09:00	0.50	Run Casing & Cement	Rig down cementers
09:00	13:00	4.00	Wait on Cement	WOC, dump cuttings tank, flush flow line, pump out cellar, thaw out wtater pump.
13:00	16:30	3.50	Miscellaneous	Cut and ly/out drilling riser, dress 9 5/8 casing for well head.
16:30	23:30	7.00	Miscellaneous	Weld on Cameron SS well head, dig out cellar, plumb in gas buster and choke.
23:30	06:00	6.50	NU/ND BOP	Install spool, lock down flange and N/U stack.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	1,009.0	8.90	45		10.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
13.000	22.000	29.000	8.0	1	9.3	4.2

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
			1,350.000	50.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					415.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
46,976	314,686

Daily Mud Cost	Mud Additive Cost To Date
1,273	5,229

Depth Start (ftKB)	Depth End (ftKB)
1,009	1,009

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
1,009	1,009

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Engineer	1.0	625.00
Pallets	18.0	324.00
Shrink Wrap	18.0	324.00

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/17/2011
Report #: 11, DFS: 3.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
WOB (1000lbf)	**RPM (rpm)**	**SPP (psi)**	**Rot HL (1000lbf)**	**PU HL (1000lbf)**	**SO HL (1000lbf)**	**Drilling Torque**	**Off Btm Tq**

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 11/18/2011
Report #: 12, DFS: 4.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
TIH/work on ST-80	TIH, drill out shoe track, drill pilot hole.

Operations Summary
12 hr n/u and work on bop, test bop, finish hooking up flow line, set in pipe racks and load w/bha, mk/up bha #2 scribe motor to mwd and TIH.

Remarks
Saftey Meeting: N/U BOP & test.
Boiler 12 hrs.
Fuel used: 760 Fuel on hand: 5918
1-man short on days.

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	28.0	Dry	Cased

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
30,942	345,628

Daily Mud Cost	Mud Additive Cost To Date
625	5,854

Depth Start (ftKB)	Depth End (ftKB)
1,009	1,009

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
1,009	1,009

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	17:30	11.50	NU/ND BOP	N/U BOPE, replace 1 -1" nipple on bop broke and 2 nipples on HCR valve broke on rig move, flex lines from koomie to bop hooked up wrong 2 hrs to figure it out. hook up choke line.
17:30	00:00	6.50	Test BOP	Test BOP's Tested Annular 250 low and 3000 High , Tested pipe rams , Blind rams , Upper and lower kelly valves ,Choke and kill lines all Manifold valves to 250 Low and 4000 High. Casing to 1500 PSI.
00:00	02:30	2.50	Miscellaneous	Finish hooking up flow line, set in pipe racks and load racks w/BHA.
02:30	03:00	0.50	Miscellaneous	Install wear bushing
03:00	05:30	2.50	Directional Work	Mk/up bit, motor, program mwd and scribe.
05:30	06:00	0.50	Trips	TIH

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	1,009.0	8.85	41		7.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
5.000	13.000	19.000	8.8	1	8.8	3.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		96.5	1,350.000	50.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					400.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, FX D55M, 11690186	0-0-NO-A-X-0-NO-TD	0.86

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	5,045.01	116	66.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
101	Drill Pipe	4	3,209.54							
50	HWDP	4	1,539.92							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	Stabilizer	8 5/8	3.85							
1	MWD - Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.75							

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Engineer	1.0	625.00

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/18/2011
Report #: 12, DFS: 4.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Motor 1 deg ADJ 12.'/BTB	6 1/2	31.12	7.8	5.7					

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	1,009.0	1,009.0		0.00			

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/19/2011
Report #: 13, DFS: 5.2
Depth Progress: 883

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Work pipe and building volume.	Regain circulation and drill 8 3/4 pilot hole.

Operations Summary
6 hr code 8 repair ST-80 mechanic replaced 2 transmissions. TIH, level rig, Tag cement @ 945' drill FC @ 965' drill out shoe @ 1001'. Drill new hole f/ 1009' to 1892', lost circ, pump lcm pill, pull 2-stands-pump 2nd lcm pill, and build volume.

Remarks
Saftey Meeting: mk/conn w/ST-80
Boiler 24 hrs. Mud Lost last 24hr: 400 bbl.
Fuel used: 1082 Fuel on hand: 4836
1-man short on days.

Weather	Temperature (°F)	Road Condition	Hole Condition
Snow 2"	21.0	Wet	Lost circ.

AFE Number	Total AFE Amount
C11 032038	
Daily Cost	**Cum Cost To Date**
42,549	388,177
Daily Mud Cost	**Mud Additive Cost To Date**
1,062	6,917
Depth Start (ftKB)	**Depth End (ftKB)**
1,009	1,892
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
1,009	1,892
Target Formation	**Target Depth (ftKB)**
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	12:00	6.00	Repair Rig	Repair ST-80 mechanic replaced 2 transmissions.
12:00	13:30	1.50	Trips	TIH
13:30	14:30	1.00	Lubricate Rig	rig service and level rig.
14:30	16:30	2.00	Condition Mud & Circulate	Tag cement @ 945' drill FC @ 965' drill out shoe @ 1001' open hole to 1009'.
16:30	18:00	1.50	Drilling	Drill f/1009' to 1125' 10-14 wob, 100 stk, 350 gpm, 45 rotary, avg. rop 77 fph.
18:00	03:30	9.50	Drilling	Drilled f/1125 to 1892' 20k wob 140 stk 412 gpm, 65 rotary, avg rop 80.7 fph.
03:30	04:30	1.00	Condition Mud & Circulate	Lost all returns, pumped 65 bbl lcm pill, pulled 2 stands.
04:30	05:30	1.00	Miscellaneous	Work pipe, build and pump 2nd lcm pill.
05:30	06:00	0.50	Miscellaneous	Work pipe and build volume

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	1,009.0	8.85	38		6.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
5.000	14.000	21.000	9.6	1	8.8	3.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		96.5	1,450.000	40.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		650.0			300.0

Air Data

11/18/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		10.38	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, FX D55M, 11690186	0-0-NO-A-X-0-NO-TD	0.86

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	5,045.01	116	66.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
101	Drill Pipe	4	3,209.54							
50	HWDP	4	1,539.92							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	Stabilizer	8 5/8	3.85							
1	MWD - Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.75							

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Bicarb	12.0	181.44
DescoChrome Free	1.0	48.95
Engineer	1.0	625.00
Tax	1.0	207.10

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/19/2011
Report #: 13, DFS: 5.2
Depth Progress: 883

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Motor 1 deg ADJ 12.'/BTB	6 1/2	31.12	7.8	5.7					

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	1,009.0	1,892.0	883.00	11.00	11.00	80.3	450

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	70	1,850.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,048.00	1.67	253.35	1,047.86	-1.36	-12.71	12.74	0.14
1,171.00	1.41	249.22	1,170.82	-2.41	-15.85	15.90	0.23
1,416.00	1.58	241.14	1,415.73	-5.11	-21.62	21.73	0.11
1,666.00	1.76	234.11	1,665.63	-9.03	-27.75	27.95	0.11

Berry Daily Drilling Report

Report Date: 11/20/2011
Report #: 14, DFS: 6.2
Depth Progress: 1,202

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 3094'	Drill 8 3/4 pilot hole.

Operations Summary
Build volume and regain circ. drill, rig service and drill.

Remarks
Saftey Meeting: pk/up DP out of V-door
Boiler 24 hrs. Mud Lost last 24hr: 320 bbl. Total well 720 bbl.
Fuel used: 1206 Fuel on hand: 3630

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	26.0	Wet	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	10:00	4.00	Condition Mud & Circulate	Work pipe 4 stands off botom, pump lcm pill, build volume. Regain circ and stage bavk to bottom.
10:00	12:30	2.50	Drilling	Drill f/1892' to 2029' , 366 gpm, 20k wob, 55 rotary, 54.8 rop.
12:30	13:30	1.00	Lubricate Rig	Rig service, drive line & U-joints.
13:30	18:00	4.50	Drilling	Drill f/2029' to 2250' 418 gpm, 20k wob, 55 rotary, 54.8 rop.
18:00	06:00	12.00	Drilling	Drill f/2029' to 3094' 378 gpm, 22k wob, 65 rotary, 88.75 rop.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	2,130.0	8.85	44		7.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	10.000	21.000	8.4	1	8.6	3.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		96.5	950.000	60.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		320.0			285.0

Air Data

11/19/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.05	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, FX D55M, 11690186	0-0-NO-A-X-0-NO-TD	0.86

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	5,045.01	116	66.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
101	Drill Pipe	4	3,209.54							
50	HWDP	4	1,539.92							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	Stabilizer	8 5/8	3.85							
1	MWD - Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.75							
1	Mud Motor 1 deg ADJ 12.'/BTB	6 1/2	31.12	7.8	5.7					

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
25,400	413,577

Daily Mud Cost	Mud Additive Cost To Date
3,679	10,596

Depth Start (ftKB)	Depth End (ftKB)
1,892	3,094

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
1,892	3,093

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco drill	6.0	395.88
Anco gel	130.0	864.50
ANCO LIG	6.0	46.50
Chemseal	4.0	43.80
CI 300 A	2.0	99.54
Drispac reg	4.0	780.00
Engineer	1.0	625.00
Mica	12.0	100.32
Sawdust	100.0	410.00
Super Sweep	1.0	106.60
Tax	1.0	207.10

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/20/2011
Report #: 14, DFS: 6.2
Depth Progress: 1,202

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	1,892.0	3,094.0	2,085.00	19.00	30.00	63.3	377

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	65	1,200.0	84	88	86	6,110.0	2,290.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	98							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
1,918.00	1.54	224.97	1,917.52	-13.69	-33.28	33.58	0.14
2,140.00	1.67	228.92	2,139.44	-17.93	-37.83	38.22	0.08
2,334.00	0.92	236.22	2,333.39	-20.65	-41.25	41.71	0.40
2,529.00	1.05	238.77	2,528.36	-22.45	-44.08	44.58	0.07
2,724.00	1.23	246.68	2,723.32	-24.20	-47.53	48.06	0.12
2,918.00	1.49	230.59	2,917.26	-26.63	-51.39	51.98	0.24

Berry Daily Drilling Report

Report Date: 11/21/2011
Report #: 15, DFS: 7.2
Depth Progress: 1,649

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 4743'	Drill to 5045', circ, short trip, circ,pooh f/logs, log

Operations Summary
Drill f/3094' to 4743' w/conn/surveys.

Remarks
Saftey Meeting: proper pulling of slips
Boiler 24 hrs. Mud Lost last 24hr: 450 bbl. Total well 1170 bbl.
Fuel used: 1275Fuel on hand: 2355

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	27.0	Wet	Good

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
107,761	521,338

Daily Mud Cost	Mud Additive Cost To Date
3,791	14,387

Depth Start (ftKB)	Depth End (ftKB)
3,094	4,743

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
3,093	4,561

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Drilling	Drill f/3094' to 3945', 401 gpm, 22k wob, 1700 psi, 70 rotary, avg rop w/conn./surveys 71fph.
18:00	06:00	12.00	Drilling	Drill f/ 3945' to 4743', 384 gpm, 22k wob, 1775 psi, 70 rotary, avg rop w/conn./surveys 66.5fph.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	4,647.0	8.95	50		14.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
12.000	19.000	28.000	6.8	1	9.2	4.2

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		95.8	900.000	60.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		450.0			270.0

Air Data

11/20/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.13	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, FX D55M, 11690186	0-0-NO-A-X-0-NO-TD	0.86

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	5,045.01	116	66.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
101	Drill Pipe	4	3,209.54							
50	HWDP	4	1,539.92							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	Stabilizer	8 5/8	3.85							
1	MWD - Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.75							
1	Mud Motor 1 deg ADJ 12.'/BTB	6 1/2	31.12	7.8	5.7					

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,094.0	4,743.0	3,734.00	24.00	54.00	68.7	383

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	70	1,775.0	107	110	102	6,830.0	2,830.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	98							

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco drill	7.0	461.86
Anco gel	12.0	79.80
ANCO LIG	13.0	100.75
Caustic Soda	2.0	59.90
Chemseal	4.0	43.80
CI 300 A	2.0	99.54
Drispac reg	1.0	195.00
Engineer	1.0	625.00
Hi yield gel	125.0	900.00
Mica	18.0	150.48
Pallets	17.0	306.00
Poly Swell	1.0	152.88
Sawdust	25.0	102.50
Shrink Wrap	17.0	306.00
Tax	1.0	207.10

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/21/2011
Report #: 15, DFS: 7.2
Depth Progress: 1,649

Well Name: LC TRIBAL 12H-6-56

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,113.00	1.76	232.44	3,112.19	-30.06	-55.72	56.39	0.14
3,307.00	2.02	252.65	3,306.08	-32.90	-61.35	62.07	0.37
3,501.00	2.41	261.18	3,499.94	-34.54	-68.64	69.40	0.26
3,695.00	2.02	251.60	3,693.79	-36.25	-75.92	76.72	0.28
3,890.00	1.71	229.54	3,888.69	-39.22	-81.39	82.26	0.40
3,936.00	3.16	252.30	3,934.65	-40.05	-83.12	84.00	3.73
4,032.00	3.60	253.44	4,030.48	-41.71	-88.53	89.45	0.46
4,064.00	3.69	256.17	4,062.42	-42.25	-90.50	91.42	0.61
4,097.00	5.32	265.22	4,095.32	-42.63	-93.05	93.99	5.37
4,130.00	8.13	269.61	4,128.08	-42.77	-96.91	97.85	8.65
4,162.00	11.65	272.69	4,159.60	-42.64	-102.40	103.34	11.12
4,194.00	14.68	274.98	4,190.76	-42.13	-109.67	110.59	9.61
4,227.00	17.71	275.33	4,222.45	-41.30	-118.84	119.74	9.19
4,259.00	20.96	275.77	4,252.64	-40.27	-129.38	130.25	10.17
4,292.00	24.70	276.21	4,283.05	-38.94	-142.11	142.95	11.34
4,324.00	28.21	275.77	4,311.69	-37.45	-156.29	157.09	10.99
4,357.00	31.99	275.33	4,340.24	-35.85	-172.76	173.52	11.47
4,390.00	36.08	274.71	4,367.58	-34.24	-191.15	191.87	12.44
4,422.00	39.95	273.83	4,392.78	-32.78	-210.80	211.49	12.21
4,454.00	44.03	272.95	4,416.56	-31.52	-232.17	232.82	12.88
4,487.00	47.81	271.46	4,439.52	-30.62	-255.85	256.48	11.90
4,518.00	51.90	270.85	4,459.50	-30.15	-279.54	280.15	13.28
4,550.00	55.77	270.49	4,478.38	-29.85	-305.37	305.96	12.13
4,583.00	59.06	270.76	4,496.15	-29.54	-333.17	333.75	9.99
4,615.00	61.61	270.49	4,511.99	-29.24	-360.97	361.53	8.00
4,647.00	64.34	271.20	4,526.53	-28.82	-389.47	390.02	8.76
4,680.00	67.19	272.08	4,540.07	-27.96	-419.54	420.07	8.97
4,712.00	71.10	271.99	4,551.46	-26.89	-449.42	449.91	12.22

Berry Daily Drilling Report

Report Date: 11/22/2011
Report #: 16, DFS: 8.2
Depth Progress: 302

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Logging pilot hole.	Run logs, tih w/ 2 7/8 tbg, set cement plug, pooh, pk/up curve bha.

Operations Summary
Drill f/4743' to 5045' , circ/cond pump 2-20bbl sweeps to surface, 15 std short trip, circ 2-20 bbl sweeps to surface, pooh, work tight hole f/2671' to 2552', pooh, ly/dn DC,mwd & motor, r/u WFT loggers and log.

Remarks
Saftey Meeting: Tripping & ly/dn DC
Boiler 24 hrs. Mud Lost last 24hr: 170 bbl. Total well 1340 bbl.
Fuel used: 1134 Fuel on hand: 1221

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	23.0	Wet	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	13:00	7.00	Drilling	Drill f/4743' to 5045' 384 gpm, 24k wob, 1775 psi, 70 rotary, avg rop w/conn./surveys.
13:00	15:00	2.00	Condition Mud & Circulate	Circ. cond. pump 2 20 bbl hi-vis lcm sweeps around.
15:00	16:30	1.50	Trips	15 stand short trip, pulled good.
16:30	18:00	1.50	Condition Mud & Circulate	Circ. cond. pump 1- 20 bbl hi-vis lcm sweep around, sweep returned excessive amount of cuttings, pumped another 20 bbl sweep, shakers clean.
18:00	01:00	7.00	Trips	POOH work tight spot in the Tgr3 f/2671' to 2552' pooh
01:00	04:00	3.00	LD Drillpipe	Ly/dn 6-6 1/2" DC, ibs, mwd, motor.
04:00	06:00	2.00	Wire Line Logs	PJSM w/WFT logging, rig up loggers.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	4,654.0	8.95	42		12.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	16.000	21.000	8.0	1	9.0	4.2

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		95.8	900.000	70.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		170.0			340.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #2, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, FX D55M, 11690186	0-0-NO-A-X-0-NO-TD	0.86

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	5,045.01	116	66.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
101	Drill Pipe	4	3,209.54							
50	HWDP	4	1,539.92							
1	XO Sub	6	3.90							
6	Drill Collar	6 1/2	177.30							
1	Stabilizer	8 5/8	3.85							
1	MWD - Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.75							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
47,561	568,899

Daily Mud Cost	Mud Additive Cost To Date
4,316	18,703

Depth Start (ftKB)	Depth End (ftKB)
4,743	5,045

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,561	4,587

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco drill	5.0	329.90
ANCO LIG	11.0	85.25
Caustic Soda	3.0	89.85
Chemseal	1.0	10.95
CI 300 A	2.0	99.54
DescoChrome Free	1.0	48.95
Drispac reg	6.0	1,170.00
Engineer	1.0	625.00
Hi yield gel	138.0	993.60
Mica	15.0	125.40
Sawdust	90.0	369.00
Super Sweep	1.0	106.60
tax	1.0	241.50
Walnut - Medium	2.0	20.90

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/22/2011
Report #: 16, DFS: 8.2
Depth Progress: 302

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Mud Motor 1 deg ADJ 12.'/BTB	6 1/2	31.12	7.8	5.7					

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	4,743.0	5,045.0	4,036.00	7.00	61.00	43.1	383

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	70	1,775.0	107	110	102	6,830.0	2,830.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	98							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,745.00	74.58	271.11	4,561.19	-26.04	-480.94	481.40	10.85
4,777.00	78.00	270.58	4,568.78	-25.59	-512.02	512.46	10.81
4,809.00	79.80	269.35	4,574.94	-25.61	-543.42	543.85	6.77
4,840.00	80.82	269.70	4,580.16	-25.86	-573.97	574.41	3.47
4,873.00	82.88	269.70	4,584.83	-26.03	-606.64	607.07	6.24
4,905.00	86.44	271.02	4,587.81	-25.83	-638.49	638.91	11.86
4,976.00	91.54	264.87	4,589.06	-28.38	-709.38	709.84	11.25
5,006.00	91.80	264.69	4,588.19	-31.10	-739.24	739.75	1.05
5,037.00	92.42	265.13	4,587.05	-33.85	-770.10	770.66	2.45

Berry Daily Drilling Report

Report Date: 11/23/2011
Report #: 17, DFS: 9.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Building weighted pill 11 lb.	Circ. out gas, pooh, pk/up bha #3, tih build curve.

Operations Summary

PJSM w/ WFT loggers, ran triple combo, log.Loggers depth 4996 Drillers depth 5045. R/D loggers.TIH w/ 1005' 2 7/8 tubing. TIH 4" HWDP & DP . Swedge up and circ. bottoms up, PJSM w/Pro Petro cementers test lines 2000 psi and pump cement. (kick off plug) 40 bbl fresh water, 700 sks, Type G cement .7% CDI 33, 17.5 lb wt, .93 yield, 3.38 gal/sk mwr, displaced w/31 bbl 8.9 drilling mud. POOH 2000' flush pipe w/20 bbl mud, pooh, Rig up to ly/dn tubing. Ly/dn 6 jts. Well started flowing @ 765' w/ 6 jts tubing ly/dn. install xo-sub tih 6 stands DP, kelly up shut in well build volume & weight up, circ out gas through choke.

Remarks

Saftey Meeting: Logging & cementing
Boiler down. Mud Lost last 24hr: 0 bbl. Total well 1340 bbl.
Fuel used: 486 Fuel on hand: 5648

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	25.0	Wet	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	10:00	4.00	Wire Line Logs	PJSM w/ WFT loggers, ran triple combo, log. Loggers depth 4996 Drillers depth 5045. R/D loggers.
10:00	18:00	8.00	Trips	TIH w/ 1005' 2 7/8 tubing. TUH 4" HWDP & DP .
18:00	19:00	1.00	Condition Mud & Circulate	Swedge up and circ. bottoms up
19:00	20:00	1.00	Run Casing & Cement	PJSM w/Pro Petro cementers test lines 2000 psi and pump cement. (kick off plug) 40 bbl fresh water, 700 sks, Type G cement .7% CDI 33, 17.5 lb wt, .93 yield, 3.38 gal/sk mwr, displaced w/31 bbl 8.9 drilling mud.
20:00	22:00	2.00	Trips	POOH
22:00	22:30	0.50	Condition Mud & Circulate	Flush pipe w/ 20 bbl mud.
22:30	00:00	1.50	Trips	POOH
00:00	01:00	1.00	Miscellaneous	Rig up to ly/dn tubing. Ly/dn 6 jts.
01:00	06:00	5.00	Miscellaneous	Well started flowing @ 765' w/ 6 jts tubing ly/dn. install xo-sub tih 6 stands DP, kelly up shut in well build volume & weight up, circ out gas through choke.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	5,045.0	8.80	37		6.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	7.000	15.000	8.8	1	8.9	3.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		90.0	850.000	90.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					220.0

Air Data

11/22/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.10	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
62,430	631,329

Daily Mud Cost	Mud Additive Cost To Date
1,178	19,882

Depth Start (ftKB)	Depth End (ftKB)
5,045	5,045

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,587	4,587

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Chemseal	1.0	10.95
Engineer	1.0	625.00
Hi yield gel	5.0	36.00
Pallets	27.0	486.00
Sawdust	5.0	20.50

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/23/2011
Report #: 17, DFS: 9.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 11/24/2011
Report #: 18, DFS: 10.2
Depth Progress: 211

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling cement @ 3570'	Drill cement to kop, pooh, mk/up curve bha, tih drill curve.

Operations Summary

Circ & build volume, circ out gas through choke @ 1150', Circ out gas, pump lcm pill to regain full circ.holding 25% flow. Spot 10 lb pill on bottom, pooh ly/dn 2 7/8 tbg. Make up bit & bit sub, hook up torque gauge.
Total Safety conducted H2S safety awareness training for rig crews and 3rd party personal.
TIH, Kelly up, circ. bottoms up @ 3100', tih, Tag cement @ 3359', dress cement to 3570'.

Remarks

Saftey Meeting: H2S Training.
Boiler down. Mud Lost last 24hr: 750 bbl. Total well 2090 bbl.
Fuel used: 1082 Fuel on hand: 4566

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	21.0	Wet	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	10:30	4.50	Condition Mud & Circulate	Circ & build volume, circ out gas through choke @ 1150'
10:30	12:00	1.50	Trips	TIH to 3000'
12:00	15:00	3.00	Condition Mud & Circulate	Circ out gas, pump lcm pill to regain full circ.holding 25% flow. Spot 10 lb pill on bottom Total Safety conducted H2S safety awareness training for rig crews and 3rd party personal.
15:00	20:00	5.00	Trips	POOH & ly/dn 2 7/8 tubing.
20:00	20:30	0.50	Miscellaneous	Make up bit & bit sub, hook up torque gauge.
20:30	00:00	3.50	Trips	TIH
00:00	01:00	1.00	Condition Mud & Circulate	Kelly up, circ. bottoms up @ 3100'
01:00	02:00	1.00	Trips	TIH to 3359.
02:00	06:00	4.00	Drill Out Cement/Retainers	Tag cement @ 3359', dress cement to 3570'.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	5,045.0	9.30	44		10.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
10.000	18.000	22.000	10.8	2	9.7	4.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		94.2	750.000	30.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		750.0			210.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #3, Dress plug

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, EQH27R -RR, 11448532	1-1-NO-A-1-0-NO-TD	1.33

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
24/24/24	4,596.11		47.9

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
94	Drill Pipe	4	3,008.00							
50	HWDP	4	1,539.92							
1	Bit sub	6	5.19							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
66,593	697,922

Daily Mud Cost	Mud Additive Cost To Date
9,449	29,331

Depth Start (ftKB)	Depth End (ftKB)
3,359	3,570

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
3,358	3,569

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	58.0	385.70
AncoBar	562.0	5,676.20
Chemseal	12.0	131.40
Engineer	1.0	625.00
Hi yield gel	152.0	1,094.40
Salt	1.0	6.49
Sawdust	80.0	328.00
Shrink Wrap	27.0	486.00
Super Sweep	1.0	106.60
tax	1.0	609.06

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/24/2011
Report #: 18, DFS: 10.2
Depth Progress: 211

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,359.0	3,570.0	211.00	4.00	4.00	52.7	351

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
34	80	850.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,501.00	2.41	261.18	3,499.94	-34.54	-68.64	69.40	0.26

Berry Daily Drilling Report

Report Date: 11/25/2011
Report #: 19, DFS: 11.2
Depth Progress: 340

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Monitor H2S.	Monitor H2S and drill

Operations Summary

Drill cement f/3591' to 3850', circ bottoms up, POOH, ly/dn bit, bit sub. Make up curve BHA program mwd and scribe to motor. TIH, ly/dn 4 stds f/derrick, brk/circ. drill cement f/ 3850' to 3910', H2S monitors wet off evacuated floor and all 3rd party personnel to muster area. At present we have 135ppm on floor and 105 at shaker. Total Safety is on the way to access the situation..

Remarks

Saftey Meeting: H2S Training.
Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 2090 bbl.
Fuel used: 1002 Fuel on hand: 3564

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	23.0	Dry	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	11:30	5.50	Drilling	Drill cement f/3591' to 3850'
11:30	13:00	1.50	Condition Mud & Circulate	Circ bottoms up spot 15 bbl 10lb pill on bottom.
13:00	18:00	5.00	Trips	POOH, ly/dn bit, bit sub.
18:00	21:00	3.00	Directional Work	Make up curve BHA program mwd and scribe to motor.
21:00	00:30	3.50	Trips	TIH
00:30	01:00	0.50	LD Drillpipe	ly/dn 4 stands from derrick
01:00	01:30	0.50	Condition Mud & Circulate	Kelly up break circ.
01:30	03:30	2.00	Drilling	Drill cement f/3850' to 3910'.
03:30	06:00	2.50	Miscellaneous	H2S monitors wet off evacuated floor and all 3rd party personnel to muster area. At present we have 135ppm on floor and 105 at shaker. Total Safety is on the way to access the situation..

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	3,850.0	9.20	38		24.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
16.000	19.000	24.000		2	12.9	4.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		93.7	1,100.000	90.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					330.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #3, Dress plug

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	8 3/4in, EQH27R -RR, 11448532	1-1-NO-A-1-0-NO-TD	1.33

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
24/24/24	4,596.11		47.9

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
94	Drill Pipe	4	3,008.00							
50	HWDP	4	1,539.92							
1	Bit sub	6	5.19							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
39,284	737,206

Daily Mud Cost	Mud Additive Cost To Date
3,016	32,347

Depth Start (ftKB)	Depth End (ftKB)
3,570	3,910

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
3,569	3,909

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	80.0	532.00
ANCO LIG	12.0	93.00
AncoBar	105.0	1,060.50
Bicarb	21.0	317.52
DescoChrome Free	3.0	146.85
Engineer	1.0	625.00
Pallets	2.0	36.00
Salt	2.0	12.98
Shrink Wrap	2.0	36.00
tax	1.0	156.44

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/25/2011
Report #: 19, DFS: 11.2
Depth Progress: 340

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,570.0	3,850.0	491.00	5.50	9.50	50.9	351

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
34	80	850.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,850.0	3,910.0		2.00			351

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
34	80	850.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Drill Strings

BHA #4, Curve

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	8 3/4in, FX D55M, 11690186	1-1-CT-N-X-0-NO-TD	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	4,951.38		31.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
81	Drill Pipe	4	2,625.50							
50	HWDP	4	1,539.92							
20	Drill pipe	4	642.05							
1	XO Sub	6 3/4	2.60							
1	NMDC	6 1/2	30.78							
1	Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.74							
1	Mud Motor 7/8 5.7stage 2.12 bendg	6 1/2	31.16							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,850.0	3,910.0	60.00	2.00	2.00	30.0	418

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	65	1,550.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,695.00	2.02	251.60	3,693.79	-36.25	-75.92	76.72	0.28
3,890.00	1.71	229.54	3,888.69	-39.22	-81.39	82.26	0.40

Berry Daily Drilling Report

Report Date: 11/26/2011
Report #: 20, DFS: 12.2
Depth Progress: 686

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 4596'	Drill 8 3/4 curve

Operations Summary
Wait on Total Safety to arrive location and sniff test for H2S, found no gas. Determined there were 2 faulty sensors, replaced sensors and resume drilling. Drill f/3910' to 4596' w/surveys and slides.

Remarks
Saftey Meeting: Cold weather.
Boiler 24hr. Mud Lost last 24hr: 435 bbl. Total well 2525 bbl.
Fuel used: 1209 Fuel on hand: 2355

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	15.0	Dry	Good

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
40,249	777,455

Daily Mud Cost	Mud Additive Cost To Date
1,971	34,318

Depth Start (ftKB)	Depth End (ftKB)
3,910	4,596

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
3,909	4,502

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	11:00	5.00	Miscellaneous	Wait on Total Safety to arrive location and sniff test for H2S, found no gas. Determined there were 2 faulty sensors, replaced sensors and resume drilling.
11:00	18:00	7.00	Drilling	Drill f/3910' to 4208' w/surveys and slides, 1700 psi, 20k wob, avg rop 42.5 fph.
18:00	06:00	12.00	Drilling	Drill f/4208 to 4596' w/surveys and slides, 1750 psi, 20k wob, avg rop 32.3 fph. 04:30 adjusted well plan for 10' drop in TVD.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap	06:00	4,540.0	9.40	38		7.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	26.000	30.000	13.6	2	12.1	6.4

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
		93.1	900.000			

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		435.0			265.0

Air Data

11/25/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.74	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #4, Curve

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	8 3/4in, FX D55M, 11690186	1-1-CT-N-X-0-NO-TD	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	4,951.38		31.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
81	Drill Pipe	4	2,625.50							
50	HWDP	4	1,539.92							
20	Drill pipe	4	642.05							
1	XO Sub	6 3/4	2.60							
1	NMDC	6 1/2	30.78							
1	Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.74							
1	Mud Motor 7/8 5.7stage 2.12 bendg	6 1/2	31.16							

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	17.0	113.05
AncoBar	13.0	131.30
Bicarb	16.0	241.92
Chemseal	1.0	10.95
DescoChrome Free	2.0	97.90
Engineer	1.0	625.00
Pallets	2.0	36.00
Sapp	5.0	488.75
Sawdust	25.0	102.50
Shrink Wrap	2.0	36.00
tax	1.0	88.09

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/26/2011
Report #: 20, DFS: 12.2
Depth Progress: 686

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	3,910.0	4,596.0	746.00	19.00	21.00	36.1	351

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20		1,750.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
3,936.00	3.16	252.30	3,934.65	-40.05	-83.12	84.00	3.73
4,032.00	3.60	253.44	4,030.48	-41.71	-88.53	89.45	0.46
4,064.00	3.69	256.17	4,062.42	-42.25	-90.50	91.42	0.61
4,097.00	5.32	265.22	4,095.32	-42.63	-93.05	93.99	5.37
4,130.00	8.13	269.61	4,128.08	-42.77	-96.91	97.85	8.65
4,162.00	11.65	272.69	4,159.60	-42.64	-102.40	103.34	11.12
4,194.00	14.68	274.98	4,190.76	-42.13	-109.67	110.59	9.61
4,227.00	17.71	275.33	4,222.45	-41.30	-118.84	119.74	9.19
4,259.00	20.96	275.77	4,252.64	-40.27	-129.38	130.25	10.17
4,292.00	24.70	276.21	4,283.05	-38.94	-142.11	142.95	11.34
4,324.00	28.21	275.77	4,311.69	-37.45	-156.29	157.09	10.99
4,357.00	31.99	275.33	4,340.24	-35.85	-172.76	173.52	11.47
4,390.00	36.08	274.71	4,367.58	-34.24	-191.15	191.87	12.44
4,422.00	39.95	273.83	4,392.78	-32.78	-210.80	211.49	12.21
4,454.00	44.03	272.95	4,416.56	-31.52	-232.17	232.82	12.88
4,487.00	47.81	271.46	4,439.52	-30.62	-255.85	256.48	11.90
4,518.00	51.90	270.85	4,459.50	-30.15	-279.54	280.15	13.28
4,550.00	55.77	270.49	4,478.38	-29.85	-305.37	305.96	12.13
4,583.00	59.06	270.76	4,496.15	-29.54	-333.17	333.75	9.99

Berry Daily Drilling Report

Report Date: 11/27/2011
Report #: 21, DFS: 13.2
Depth Progress: 355

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
POOH	Run 7" csg, cement, mk/up lateral bha, tih, drill shoe track and new hole.

Operations Summary

Drill f/4596' to 4693'.Rig service, Drill f/4693' to 4725', circ mica sweep around, Drill f/4725' to 4951', circ 2-20 bbl sweeps around, short trip 15 stds, circ 20 bbl sweep around, pooh.

Remarks

Saftey Meeting: Cold weather & tripping pipe.
Boiler 24hr. Mud Lost last 24hr: 80 bbl. Total well 2605 bbl.
Fuel used: 1433 Fuel on hand: 922

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	12.0	Dry	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Surface	1,001	9 5/8	24 jts 9 5/8 36 lb K-55 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	10:30	4.50	Drilling	Drill f/4596' to 4693', w/surveys and slides, 1750 psi, 20k wob, avg rop 21.5 fph.
10:30	11:00	0.50	Lubricate Rig	Rig service
11:00	12:30	1.50	Drilling	Drill f/4693' to 4725', w/surveys and slides, 1750 psi, 20k wob, avg rop 21.3 fph
12:30	13:00	0.50	Condition Mud & Circulate	Circ mica sweep around w/rotating pipe.
13:00	21:30	8.50	Drilling	Drill f/4725' to 4951', w/surveys and slides, 2450 psi, 28k wob, avg rop 26.6 fph. put 2 pumps on line 517 gpm no fluid loss.
21:30	23:00	1.50	Condition Mud & Circulate	Circ 2-20bbl Hi-Vis sweeps to surface
23:00	00:30	1.50	Trips	15 stand short trip.
00:30	01:30	1.00	Condition Mud & Circulate	Pump 20 bbl sweep around.
01:30	06:00	4.50	Trips	POOH

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Dap	06:00	4,950.0	9.35	49		10.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
7.000	11.000	15.000	9.2	2	11.0	7.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
15.0		93.0	950.000	0.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		80.0			315.0

Air Data

11/26/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.65	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #4, Curve

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	8 3/4in, FX D55M, 11690186	1-1-CT-N-X-0-NO-TD	0.98

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/16/16	4,951.38		31.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Kelly	4	43.00							
81	Drill Pipe	4	2,625.50							
50	HWDP	4	1,539.92							
20	Drill pipe	4	642.05							
1	XO Sub	6 3/4	2.60							
1	NMDC	6 1/2	30.78							
1	Gap sub	6 1/2	5.63							
1	NMDC	6 1/2	30.74							
1	Mud Motor 7/8 5.7stage 2.12 bendg	6 1/2	31.16							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
45,491	822,946

Daily Mud Cost	Mud Additive Cost To Date
5,371	39,689

Depth Start (ftKB)	Depth End (ftKB)
4,596	4,951

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,502	4,590

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco drill	1.0	65.98
Anco gel	115.0	764.75
ANCO LIG	20.0	155.00
AncoBar	15.0	151.50
Bicarb	18.0	272.16
Chemseal	1.0	10.95
Dap	36.0	828.00
Drispac reg	4.0	780.00
Engineer	1.0	625.00
Mica	15.0	125.40
Sapp	8.0	782.00
Sawdust	50.0	205.00
Super Sweep	1.0	106.60
tax	1.0	310.48
Walnut - Medium	18.0	188.10

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/27/2011
Report #: 21, DFS: 13.2
Depth Progress: 355

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	4,596.0	4,951.0	1,101.00	14.50	35.50	24.5	517

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
24		2,450.0	103	111	98	6,380.0	2,810.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	124							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,615.00	61.61	270.49	4,511.99	-29.24	-360.97	361.53	8.00
4,647.00	64.34	271.20	4,526.53	-28.82	-389.47	390.02	8.76
4,680.00	67.19	272.08	4,540.07	-27.96	-419.54	420.07	8.97
4,712.00	71.10	271.99	4,551.46	-26.89	-449.42	449.91	12.22
4,745.00	74.58	271.11	4,561.19	-26.04	-480.94	481.40	10.85
4,777.00	78.00	270.58	4,568.78	-25.59	-512.02	512.46	10.81
4,809.00	79.80	269.35	4,574.94	-25.61	-543.42	543.85	6.77
4,840.00	80.82	269.70	4,580.16	-25.86	-573.97	574.41	3.47
4,873.00	82.88	269.70	4,584.83	-26.03	-606.64	607.07	6.24
4,905.00	86.44	271.02	4,587.81	-25.83	-638.49	638.91	11.86

Berry Daily Drilling Report

Report Date: 11/28/2011
Report #: 22, DFS: 14.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
TIH @ 3450'	TIH, Drill out shoe track and 6 1/8 lateral.

Operations Summary

Ly/dn curve bha, Pull wear bushing and prep floor for casing run. PJSM w/WFT casing and rig crew, rig up same. Ran 118 jts 7" 26 lb N-80 casing. Work tight spot f/4700' to 4780'. Ran last 3 jts to bottom no problem. FS @ 4931' FC @ 4891'. Lost 500 bbl while working casing and circ. on hole.
Ran total of 122 jts 7" 26lb N-80 LT&C. Mk/up casing hanger to landing joint and land casing @ 4933' .
Cameron Tech tested pack-off w/ 5,000 psi. f/ 5 min. HPJSM w/Pro-Petro cementers, tested lines to 2000 psi and cemented as follows:
Pumped 20 bbls. Mud Flush - 20 bbls. Fresh water - 120 sx. Lead w/ 6% Gel, 10 lb/sx Gilsonite, 3 lb/sx GR-3, 3% Salt, 1/4 lb/sx Flocele, 11.0 ppg, 3.82 yield, 23 gal/sx H2O - Tail: 240 sx. 65% cmt. 35% POZ 6% gel, 10 lb./sx Gilsonite, .2% CFL 115, 1/4 lb/sx Flocele, 10% salt, 13.1 ppg, 1.70 Yield, 7.7 gal/sx mix water- Displaced w/ 192.3 bbls. fresh water, FCP: 1200 psi. Bumped plug w/ 1700 psi, floats held, had full returns throughout job w/ 2 bbls. cement returns to surface.
Install wear bushing,pk/up lateral bha, program mwd & scribe to motor, tih.
CIP @ 22:30 hrs. on 11-27-2011

Remarks

Saftey Meeting: Running casing and cementing.
Boiler 24hr. Mud Lost last 24hr: 550 bbl. Total well 3155 bbl.
Fuel used: 1221 Fuel on hand: 4701

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	17.0	Dry	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:00	2.00	Directional Work	Ly/dn curve bha
08:00	09:00	1.00	Miscellaneous	Pull wear bushing and prep floor for casing run.
09:00	10:00	1.00	Run Casing & Cement	PJSM w/WFT casing and rig crew, rig up same.
10:00	16:00	6.00	Run Casing & Cement	Ran 118 jts 7" 26 lb N-80 casing.
16:00	18:00	2.00	Run Casing & Cement	Work tight spot f/4700' to 4780'. Ran last 3 jts to bottom no problem. FS @ 4931' FC @ 4891'. Lost 500 bbl while working casing and circ. on hole. Ran total of 122 jts 7" 26lb N-80 LT&C.
18:00	19:00	1.00	Miscellaneous	Mk/up casing hanger to landing joint and land casing @ 4933' .
19:00	19:30	0.50	Run Casing & Cement	Cameron Tech tested pack-off w/ 5,000 psi. f/ 5 min.
19:30	20:30	1.00	Condition Mud & Circulate	M/U circ. swedge & circulate through the 3" valve on the Cameron 9 5/8" Well head.
20:30	22:30	2.00	Run Casing & Cement	HPJSM w/Pro-Petro cementers, tested lines to 2000 psi and cemented as follows: Pumped 20 bbls. Mud Flush - 20 bbls. Fresh water - 120 sx. Lead w/ 6% Gel, 10 lb/sx Gilsonite, 3 lb/sx GR-3, 3% Salt, 1/4 lb/sx Flocele, 11.0 ppg, 3.82 yield, 23 gal/sx H2O - Tail: 240 sx. 65% cmt. 35% POZ 6% gel, 10 lb./sx Gilsonite, .2% CFL 115, 1/4 lb/sx Flocele, 10% salt, 13.1 ppg, 1.70 Yield, 7.7 gal/sx mix water- Displaced w/ 192.3 bbls. fresh water, FCP: 1200 psi. Bumped plug w/ 1700 psi, floats held, had full returns throughout job w/ 2 bbls. cement returns to surface. CIP @ 22:30 hrs. on 11-27-2011
22:30	00:00	1.50	Miscellaneous	Install wear bushing and prep floor for 6 1/8" lateral bha.
00:00	03:00	3.00	Directional Work	Load rack w/directional bha, make up motor & mwd program mwd & scribe to motor.
03:00	06:00	3.00	Trips	TIH w/BHA #5 6 1/8 bit.

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
204,032	1,026,978

Daily Mud Cost	Mud Additive Cost To Date
2,297	41,986

Depth Start (ftKB)	Depth End (ftKB)
4,951	4,951

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,590	4,590

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	35.0	232.75
ANCO LIG	4.0	31.00
Chemseal	2.0	21.90
Engineer	1.0	625.00
Hi yield gel	70.0	504.00
Mica	15.0	125.40
Pallets	12.0	216.00
Salt	1.0	6.49
Sawdust	25.0	102.50
Shrink Wrap	12.0	216.00
Super Sweep	1.0	106.60
tax	1.0	109.38

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/28/2011
Report #: 22, DFS: 14.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	4,951.0	8.85	42		7.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
5.000	8.000	11.000	10.0	1	10.8	3.5

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		96.5	900.000	10.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
		550.0			420.0

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #5, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	6 1/8in, FX64D, 11673332	0-0-NO--X-0-NO-DTF	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/14/16/14	5,896.26	93	23.8

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
22	Drill Pipe	4	704.23							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 5/6 Lobe 8.3 stage 1.5 FBH	4 3/4	30.91							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	4,951.0	4,951.0		0.00			

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 11/29/2011
Report #: 23, DFS: 15.2
Depth Progress: 143

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 5095'	Drill 6 1/8 lateral hole.

Operations Summary

TIH, test casing 1000 psi 10 min, tag up @ 4880', drill out FC @ 4891' FS @ 4930' open hole to 4951', Drill f/4951 to 5068', Circ sweep around prep for trip out for gamma probe. C/O gamma and mud motor, program MWD and scribe to motor. TIH, Kelly up brk/circ. relog gamma f/5025' to 5068', drill f/5068' to 5095'

Remarks

Saftey Meeting: Running casing and cementing.
Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl.
Fuel used: 806 Fuel on hand: 3895

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	23.0	Dry	Good

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
33,877	1,060,855

Daily Mud Cost	Mud Additive Cost To Date
2,037	44,024

Depth Start (ftKB)	Depth End (ftKB)
4,951	5,094

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,590	4,585

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	08:30	2.50	Trips	TIH
08:30	09:30	1.00	Condition Mud & Circulate	Brk/circ, test casing 1000 psi 10 min.
09:30	11:30	2.00	Drill Out Cement/Retainers	Tag up @ 4880', drill out FC @ 4891' FS @ 4930' open hole to 4951'
11:30	16:00	4.50	Drilling	Drill f/4951 to 5068'
16:00	17:00	1.00	Condition Mud & Circulate	Circ sweep around prep for trip out for gamma probe.
17:00	21:00	4.00	Trips	POOH
21:00	23:30	2.50	Directional Work	C/O gamma and mud motor, program MWD and scribe to motor.
23:30	03:00	3.50	Trips	TIH
03:00	04:30	1.50	Condition Mud & Circulate	Kelly up brk/circ. relog gamma f/5025' to 5068'
04:30	06:00	1.50	Drilling	Drill f/5068' to 5095' #2 pump 80 stks, 234 gpm, 1050 psi, 70 rotary, 12-24k wob. avg rop 24 fph.

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	5,068.0	8.65	34		4.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
4.000	8.000	12.000	14.0	1	10.4	2.0

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
7.5		98.0	1,350.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					245.0

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco gel	8.0	53.20
ANCO LIG	1.0	7.75
Bicarb	19.0	287.28
Chemseal	1.0	10.95
Drispac reg	1.0	195.00
Engineer	1.0	625.00
Hi yield gel	66.0	475.20
Mica	10.0	83.60
Sawdust	25.0	102.50
tax	1.0	92.40
Walnut - Medium	10.0	104.50

Air Data

11/28/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		8.70	

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Diesel Fuel Consumption

Date	Consumed

Drill Strings

BHA #5, Steerable

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	6 1/8in, FX64D, 11673332	0-0-NO--X-0-NO-DTF	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/16/16/14/16/14	5,896.26	93	23.8

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
22	Drill Pipe	4	704.23							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							

Berry Daily Drilling Report

Report Date: 11/29/2011
Report #: 23, DFS: 15.2
Depth Progress: 143

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 5/6 Lobe 8.3 stage 1.5 FBH	4 3/4	30.91							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	4,951.0	5,068.0	117.00	4.50	4.50	26.0	234

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	234	1,900.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	5,068.0	5,094.0	143.00	1.50	6.00	17.3	234

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	119	1,900.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
4,976.00	91.54	264.87	4,589.06	-28.38	-709.38	709.84	11.25
5,006.00	91.80	264.69	4,588.19	-31.10	-739.24	739.75	1.05
5,037.00	92.42	265.13	4,587.05	-33.85	-770.10	770.66	2.45
5,069.00	92.55	265.04	4,585.66	-36.59	-801.95	802.57	0.49

Berry Daily Drilling Report

Report Date: 11/30/2011
Report #: 24, DFS: 16.2
Depth Progress: 806

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 5897'	Drill 6 1/8 lateral hole.

Operations Summary
Drill/slide/survey f/5091' to 5897' w/rig service.

Remarks
Saftey Meeting: Staying focused last day of hitch.
Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl.
Fuel used: 1042 Fuel on hand: 2853

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	20.0	Dry	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	17:30	11.50	Drilling	Drill f/5091' to 5546' 80 stks, 234 gpm, 22 wob, 1150 psi,rop 39.6 fph.
17:30	18:00	0.50	Lubricate Rig	Rig service.
18:00	06:00	12.00	Drilling	Drill f/5546' to 5897' 80 stks, 234 gpm, 22 wob, 1150 psi,rop 29.3 fph.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	5,843.0	8.90	46		12.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
7.000	13.000	17.000	9.2	1	10.0	3.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		96.2	1,300.000	20.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
				500.0	275.0

Air Data

11/29/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.20	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #6, Steerable #2

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	6 1/8in, FX64D, 11673332	0-0-NO--X-0-NO-DTF	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
14/16/16/14/16/16	6,673.11	93	35.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
47	Drill Pipe	4	1,486.00							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 7/8 Lobe 3.8 stage 1.5 FBH	4 3/4	25.99							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	5,091.0	5,897.0	806.00	23.50	23.50	34.3	234

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,200.0	97	109	83	9,740.0	3,600.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	119							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
52,219	1,113,074

Daily Mud Cost	Mud Additive Cost To Date
3,023	47,047

Depth Start (ftKB)	Depth End (ftKB)
5,091	5,897

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,585	4,549

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
ADV Lube	1.0	1,014.00
Drispac reg	1.0	195.00
Engineer	1.0	625.00
Hi yield gel	76.0	547.20
Mica	20.0	167.20
Salt	1.0	6.49
Sawdust	25.0	102.50
tax	1.0	156.90
Walnut - Medium	20.0	209.00

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 11/30/2011
Report #: 24, DFS: 16.2
Depth Progress: 806

Well Name: LC TRIBAL 12H-6-56

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,099.00	91.41	265.66	4,584.63	-39.02	-831.83	832.50	4.33
5,131.00	90.92	266.36	4,583.97	-41.25	-863.75	864.46	2.67
5,161.00	91.36	266.19	4,583.38	-43.20	-893.68	894.42	1.57
5,194.00	92.50	266.54	4,582.27	-45.29	-926.59	927.38	3.61
5,226.00	94.22	267.33	4,580.39	-47.00	-958.49	959.30	5.91
5,258.00	93.99	266.71	4,578.10	-48.66	-990.36	991.21	2.06
5,291.00	91.63	265.66	4,576.48	-50.85	-1,023.25	1,024.13	7.83
5,324.00	90.62	265.40	4,575.83	-53.42	-1,056.14	1,057.08	3.16
5,356.00	92.02	265.92	4,575.10	-55.84	-1,088.04	1,089.02	4.67
5,388.00	93.65	265.66	4,573.51	-58.19	-1,119.91	1,120.94	5.16
5,420.00	92.29	264.61	4,571.86	-60.90	-1,151.76	1,152.83	5.37
5,452.00	90.00	263.11	4,571.22	-64.32	-1,183.56	1,184.71	8.55
5,484.00	89.65	262.76	4,571.31	-68.25	-1,215.32	1,216.55	1.55
5,516.00	91.41	264.69	4,571.02	-71.75	-1,247.12	1,248.42	8.16
5,549.00	93.38	266.27	4,569.64	-74.35	-1,279.99	1,281.34	7.65
5,580.00	94.09	266.80	4,567.62	-76.22	-1,310.87	1,312.25	2.86
5,613.00	94.83	268.12	4,565.05	-77.68	-1,343.73	1,345.14	4.58
5,646.00	95.84	269.97	4,561.99	-78.23	-1,376.58	1,378.00	6.37
5,678.00	96.06	270.85	4,558.67	-78.00	-1,408.41	1,409.81	2.82
5,711.00	95.67	271.55	4,555.30	-77.31	-1,441.23	1,442.60	2.42
5,743.00	95.23	273.22	4,552.26	-75.99	-1,473.06	1,474.39	5.37
5,776.00	93.25	274.10	4,549.82	-73.88	-1,505.90	1,507.18	6.56
5,840.00	88.51	274.10	4,548.83	-69.31	-1,569.71	1,570.87	7.41
5,873.00	89.74	274.54	4,549.34	-66.83	-1,602.61	1,603.71	3.96

Berry Daily Drilling Report

Report Date: 12/1/2011
Report #: 25, DFS: 17.2
Depth Progress: 778

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Set kelly back pooh.	Pooh, c/o motors, tih, drill 6 1/8 lateral hole.

Operations Summary
Drill f/5897' to 6186', rig service, Drill f/6186' to 6530' , repair Pason hookload. Drill f/6530' to 6675', Lost all differential on motor work pipe, blow kelly down and set back. Pooh

Remarks
Saftey Meeting: Staying focused first day of hitch.
Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl.
Fuel used: 856 Fuel on hand: 1997

Weather	Temperature (°F)	Road Condition	Hole Condition
7" snow	23.0	Snow pack	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	16:00	10.00	Drilling	Drill f/5897' to 6186' 80 stks, 234 gpm, 22 wob, 1150 psi,rop 28.9 fph.
16:00	16:30	0.50	Lubricate Rig	Rig service
16:30	01:30	9.00	Drilling	Drill f/6186' to 6530' 80 stks, 234 gpm, 20 wob, 1250 psi,rop 38.22 fph.
01:30	02:30	1.00	Repair Rig	Work on Pason hookload. recalibrated multiple times
02:30	05:00	2.50	Drilling	Drill f/6530' to 6675' 100 stks, 293 gpm, 18 wob, 1750 psi,rop 58 fph.
05:00	06:00	1.00	Miscellaneous	Lost all differential on motor work pipe, blow kelly down and set back.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Gel-Chem	06:00	6,660.0	9.15	42		10.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	8.000	13.000	7.6	1	9.1	5.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		94.2	1,300.000	40.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
				500.0	305.0

Air Data

11/30/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.40	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #6, Steerable #2

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
2	6 1/8in, FX64D, 11673332	0-0-NO--X-0-NO-DTF	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
14/16/16/14/16/16	6,673.11	93	35.2

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
47	Drill Pipe	4	1,486.00							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 7/8 Lobe 3.8 stage 1.5 FBH	4 3/4	25.99							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
58,858	1,171,932

Daily Mud Cost	Mud Additive Cost To Date
4,059	51,106

Depth Start (ftKB)	Depth End (ftKB)
5,897	6,675

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,549	4,536

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
ADV Lube	2.0	2,028.00
ANCO LIG	2.0	15.50
Drispac reg	3.0	585.00
Engineer	1.0	625.00
Hi yield gel	18.0	129.60
Mica	24.0	200.64
tax	1.0	224.67
Walnut - Medium	24.0	250.80

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/1/2011
Report #: 25, DFS: 17.2
Depth Progress: 778

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	5,897.0	6,675.0	1,584.00	21.50	45.00	36.2	293

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
20	60	1,750.0	97	109	83	9,740.0	3,600.0

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	119							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
5,905.00	91.89	274.54	4,548.88	-64.29	-1,634.50	1,635.54	6.72
5,937.00	93.43	274.01	4,547.40	-61.91	-1,666.38	1,667.35	5.09
5,969.00	92.81	272.69	4,545.66	-60.04	-1,698.28	1,699.20	4.55
6,000.00	92.02	272.87	4,544.35	-58.54	-1,729.21	1,730.09	2.61
6,033.00	92.50	273.83	4,543.05	-56.61	-1,762.13	1,762.96	3.25
6,065.00	92.64	273.04	4,541.61	-54.70	-1,794.04	1,794.82	2.50
6,097.00	92.33	273.04	4,540.23	-53.00	-1,825.96	1,826.69	0.97
6,129.00	90.48	272.25	4,539.44	-51.53	-1,857.92	1,858.61	6.29
6,162.00	88.90	272.16	4,539.62	-50.26	-1,890.89	1,891.55	4.80
6,192.00	89.78	271.90	4,539.97	-49.19	-1,920.87	1,921.49	3.06
6,225.00	90.88	271.37	4,539.78	-48.25	-1,953.86	1,954.45	3.70
6,257.00	91.23	270.76	4,539.19	-47.66	-1,985.85	1,986.42	2.20
6,289.00	91.89	270.58	4,538.32	-47.28	-2,017.83	2,018.39	2.14
6,322.00	91.23	271.20	4,537.42	-46.77	-2,050.82	2,051.35	2.74
6,354.00	90.70	271.55	4,536.88	-46.00	-2,082.80	2,083.31	1.98
6,386.00	91.32	271.37	4,536.31	-45.19	-2,114.79	2,115.27	2.02
6,419.00	91.98	271.28	4,535.36	-44.43	-2,147.76	2,148.22	2.02
6,451.00	91.45	271.11	4,534.41	-43.76	-2,179.74	2,180.17	1.74
6,484.00	89.52	271.02	4,534.13	-43.15	-2,212.73	2,213.14	5.85
6,516.00	89.25	271.20	4,534.47	-42.53	-2,244.73	2,245.11	1.01
6,549.00	87.36	271.28	4,535.45	-41.81	-2,277.70	2,278.07	5.73
6,581.00	88.24	271.64	4,536.67	-41.00	-2,309.67	2,310.01	2.97
6,613.00	89.74	271.28	4,537.24	-40.18	-2,341.65	2,341.96	4.82
6,646.00	91.01	270.32	4,537.02	-39.72	-2,374.65	2,374.94	4.82

Berry Daily Drilling Report

Report Date: 12/2/2011
Report #: 26, DFS: 18.2
Depth Progress: 380

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Drilling @ 7055'	Drill 6 1/8 lateral hole.

Operations Summary
POOH/ C/O mud motor, scribe, TIH, brk/circ and drill f/6675' to 7055' Change over mud to fresh water polymer mud.

Remarks
Saftey Meeting: Cold weather tripping.
Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl.
Fuel used: 727 Fuel on hand: 1270

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	5.0	Snow pack	Good

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
41,086	1,213,018

Daily Mud Cost	Mud Additive Cost To Date
2,486	53,592

Depth Start (ftKB)	Depth End (ftKB)
6,675	7,055

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,536	4,526

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	11:30	5.50	Trips	POOH
11:30	12:30	1.00	Directional Work	C/O mud motor and scribe. Bad transmission on old motor.
12:30	18:30	6.00	Trips	TIH
18:30	19:30	1.00	Condition Mud & Circulate	Stage pump up & establish circ.
19:30	06:00	10.50	Drilling	Drill f/6575' to 7055' 100 stks, 293 gpm, 16 wob, 1750 psi, rop 45.7 fph. C/O mud while drilling to Fresh Water w/ Polymer.

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
FW/Polymer	06:00	6,990.0	9.10	41		10.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
6.000	6.000	8.000	6.8	1	8.9	5.4

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
10.0		94.6	1,250.000	70.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
				500.0	300.0

Mud Additive Amounts

Description	Consumed	Daily Cost
ADV Lube	1.0	1,014.00
ANCO LIG	7.0	54.25
Drispac reg	1.0	195.00
Engineer	1.0	625.00
Hi yield gel	40.0	288.00
Mica	10.0	83.60
tax	1.0	121.75
Walnut - Medium	10.0	104.50

Air Data

12/1/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
			9.35

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Drill Strings

BHA #7, Steerable #3

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
3	6 1/8in, FX64D, 11673332	1-1-CT-N-X-1-WT-TD	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/14/16/16/16/14	7,930.45	93	36.4

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
85	Drill Pipe	4	2,746.30							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 7/8 Lobe 3.8 stage 1.5 FBH	4 3/4	23.03							

Berry Daily Drilling Report

Report Date: 12/2/2011
Report #: 26, DFS: 18.2
Depth Progress: 380

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	6,675.0	7,055.0	380.00	11.50	11.50	33.0	264

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	60	1,550.0	89	104	83		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	264							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
6,678.00	91.71	269.35	4,536.26	-39.81	-2,406.64	2,406.92	3.74
6,711.00	90.53	268.65	4,535.62	-40.39	-2,439.62	2,439.92	4.16
6,743.00	91.93	269.18	4,534.93	-41.00	-2,471.61	2,471.91	4.68
6,775.00	92.86	269.09	4,533.59	-41.48	-2,503.58	2,503.88	2.92
6,808.00	91.49	268.30	4,532.34	-42.23	-2,536.55	2,536.85	4.79
6,840.00	90.75	268.12	4,531.72	-43.23	-2,568.52	2,568.85	2.38
6,873.00	90.88	268.03	4,531.25	-44.34	-2,601.50	2,601.84	0.48
6,905.00	91.63	267.77	4,530.55	-45.51	-2,633.47	2,633.83	2.48
6,936.00	92.72	268.12	4,529.37	-46.62	-2,664.43	2,664.80	3.69
6,969.00	92.94	268.56	4,527.74	-47.57	-2,697.37	2,697.76	1.49
7,001.00	92.07	268.21	4,526.34	-48.48	-2,729.33	2,729.73	2.93
7,034.00	88.91	267.94	4,526.06	-49.58	-2,762.31	2,762.72	9.61

Berry Daily Drilling Report

Report Date: 12/3/2011
Report #: 27, DFS: 19.2
Depth Progress: 875

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
TD @ 7930' Circ. sweep around.	Circ, pump 2-20 bbl sweeps, pooh, ly/dn 95 jts dp, ly/out bha, m/u reamer bha, tih & ream.

Operations Summary
Drill f/7055' to 7930' w/rig service, circ sweep around.

Remarks
Saftey Meeting: Making conn w/ ST-80.
Boiler 24hr. Mud Lost last 24hr: 0 bbl. Total well 3155 bbl.
Fuel used: 1704 Fuel on hand: 4566

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	14.0	Snow pack	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	18:00	12.00	Drilling	Drill f/7055' to 7543' 90 stks, 264 gpm, 18 wob, 1700 psi, rop 40.7 fph.
18:00	18:30	0.50	Lubricate Rig	Rig service
18:30	05:30	11.00	Drilling	Drill f/7543' to 7930' 90 stks, 264 gpm, 18 wob, 1750 psi, rop 33.6 fph.
05:30	06:00	0.50	Condition Mud & Circulate	Circ. 2-20 bbl sweeps around.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
FW/Polymer	06:00	7,900.0	9.30	46		15.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
14.000	16.000	18.000	5.2	1	8.9	6.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
12.5	0.5	92.7	1,250.000	60.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					335.0

Air Data

12/2/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.70	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #7, Steerable #3

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
3	6 1/8in, FX64D, 11673332	1-1-CT-N-X-1-WT-TD	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/14/16/16/16/14	7,930.45	93	36.4

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
85	Drill Pipe	4	2,746.30							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 7/8 Lobe 3.8 stage 1.5 FBH	4 3/4	23.03							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
62,979	1,275,997

Daily Mud Cost	Mud Additive Cost To Date
10,375	63,967

Depth Start (ftKB)	Depth End (ftKB)
7,055	7,930

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)
4,526	

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
ADV Lube	2.0	2,028.00
Anco drill	7.0	461.86
CI 300 A	1.0	49.77
Drispac reg	7.0	1,365.00
Engineer	1.0	625.00
Flowzan	18.0	3,510.00
Mica	12.0	100.32
Pallets	16.0	288.00
Salt	2.0	12.98
Shrink Wrap	16.0	288.00
TAX	588.79	588.79
Trucking	750.0	750.00
Walnut - Medium	12.0	125.40
X-CIDE	1.0	182.06

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/3/2011
Report #: 27, DFS: 19.2
Depth Progress: 875

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,055.0	7,930.0	1,255.00	23.00	34.50	38.0	264

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
18	60	1,550.0	89	104	83		

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...
	264							

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)
7,066.00	88.11	267.94	4,526.89	-50.73	-2,794.28	2,794.71	2.50
7,099.00	90.31	268.56	4,527.35	-51.74	-2,827.25	2,827.70	6.93
7,132.00	91.58	268.65	4,526.80	-52.54	-2,860.24	2,860.70	3.86
7,164.00	92.86	268.82	4,525.56	-53.25	-2,892.21	2,892.67	4.04
7,197.00	92.11	268.91	4,524.13	-53.90	-2,925.17	2,925.64	2.29
7,229.00	90.22	268.30	4,523.48	-54.68	-2,957.15	2,957.63	6.21
7,261.00	89.91	268.12	4,523.45	-55.68	-2,989.14	2,989.63	1.12
7,294.00	90.44	267.86	4,523.34	-56.84	-3,022.12	3,022.63	1.79
7,326.00	93.30	268.74	4,522.30	-57.79	-3,054.08	3,054.61	9.35
7,359.00	93.69	268.38	4,520.29	-58.62	-3,087.01	3,087.55	1.61
7,391.00	90.75	267.24	4,519.05	-59.84	-3,118.96	3,119.51	9.85
7,423.00	90.92	267.59	4,518.58	-61.28	-3,150.92	3,151.50	1.22
7,456.00	91.10	267.15	4,518.00	-62.80	-3,183.88	3,184.49	1.44
7,489.00	90.44	267.33	4,517.56	-64.38	-3,216.84	3,217.47	2.07
7,520.00	88.95	268.21	4,517.72	-65.59	-3,247.81	3,248.47	5.58
7,553.00	86.88	267.94	4,518.92	-66.70	-3,280.77	3,281.44	6.33
7,585.00	87.98	268.30	4,520.36	-67.75	-3,312.72	3,313.41	3.62
7,617.00	88.02	268.03	4,521.47	-68.77	-3,344.69	3,345.39	0.85
7,649.00	88.24	267.59	4,522.52	-69.99	-3,376.65	3,377.37	1.54
7,681.00	89.17	268.03	4,523.24	-71.22	-3,408.62	3,409.35	3.21
7,714.00	90.31	267.77	4,523.39	-72.42	-3,441.59	3,442.35	3.54
7,746.00	92.15	268.91	4,522.71	-73.35	-3,473.57	3,474.34	6.76
7,779.00	92.37	269.00	4,521.40	-73.95	-3,506.54	3,507.31	0.72
7,811.00	91.01	269.00	4,520.46	-74.51	-3,538.52	3,539.30	4.25
7,844.00	90.04	268.82	4,520.16	-75.14	-3,571.51	3,572.30	2.99
7,876.00	91.19	269.09	4,519.81	-75.72	-3,603.50	3,604.29	3.69

Berry Daily Drilling Report

Report Date: 12/4/2011
Report #: 28, DFS: 20.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Reaming lateral @ 5484'	Ream 6 1/8 lateral, pump sweep, pooh.

Operations Summary
Circ out sweep, rig serv, pooh, r/u WFT TRS ly/dn 3000' DP & dirc. bha, r/d WFT, m/u 6 1/8" double reamer assy, tih, kelly up brk/circ and ream f/4933' to 5484'

Remarks
Saftey Meeting: Cold weather tripping.
Boiler 24hr.
Fuel used: 1198 Fuel on hand: 3368

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	5.0	Snow pack	Good

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
40,797	1,316,794

Daily Mud Cost	Mud Additive Cost To Date
3,688	67,655

Depth Start (ftKB)	Depth End (ftKB)
7,930	7,930

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:30	1.50	Condition Mud & Circulate	Circ. sweep around.
07:30	08:00	0.50	Lubricate Rig	Rig service
08:00	12:30	4.50	Trips	POOH
12:30	13:30	1.00	LD Drillpipe	PJSW w/WFT TRS and rig up ly/dn machine.
13:30	17:30	4.00	LD Drillpipe	Ly/dn 3000' 4" DP.
17:30	19:30	2.00	LD Drillpipe	Ly/dn dirwctional BHA.
19:30	20:00	0.50	Miscellaneous	R/D lay down machine.
20:00	22:00	2.00	Miscellaneous	M/U 6" double reamer assy w/5 7/8" bull nose mill.
22:00	01:30	3.50	Trips	TIH
01:30	02:30	1.00	Condition Mud & Circulate	Kelly up, brk/circ
02:30	06:00	3.50	Reaming	Ream 6 1/8" lateral hole f/4933' to 5484' w/6-10k wob, 400 gpm, 200+ fph.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
Water Base	06:00	7,930.0	9.30	46		15.000

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)
14.000	16.000	18.000	5.2	1	8.9	6.8

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)
12.5	0.5	92.7	1,250.000	60.000		

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)
					380.0

Air Data

12/3/2011 06:00

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)
		9.70	

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #7, Steerable #3

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
3	6 1/8in, FX64D, 11673332	1-1-CT-N-X-1-WT-TD	1.09

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
16/14/16/16/16/14	7,930.45	93	36.4

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	43.00							
85	Drill Pipe	4	2,746.30							
50	50 4" XT-39 HWDP	4	1,539.92							
108	Drill Pipe	4	3,492.20							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	NMDC	4 3/4	30.70							
1	MWD - Gap sub	4 3/4	5.63							
1	NMDC	4 3/4	29.94							
1	Drill Collar Pony- Non Mag	4 3/4	11.09							

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	3.490

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)
5 1/2	2.930

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost
Anco drill	1.0	65.98
AncoBar	25.0	252.50
Chemseal	2.0	21.90
CI 300 A	1.0	49.77
Engineer	1.0	625.00
Flowzan	9.0	1,755.00
Mica	13.0	108.68
TAX	200.38	200.38
Walnut - Medium	6.0	62.70
X-CIDE	3.0	546.18

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/4/2011
Report #: 28, DFS: 20.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	Stabilizer - Non Mag	4 3/4	5.59							
1	Mud Motor 7/8 Lobe 3.8 stage 1.5 FBH	4 3/4	23.03							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,930.0	7,930.0	1,255.00	0.00	34.50		

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Drill Strings

BHA #8, Reamer assy

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	5 7/8in, <Model?>, <SN?>	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	7,930.26		0.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	42.00							
18	Drill Pipe	4	2,955.00							
25	50 4" xt39 HWDP	4	1,579.00							
102	Drill Pipe	4	3,300.00							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	Cut-Rite Reamer STM66	4 3/4	8.29							
1	Drill Collar	4 3/4	31.17							
	Cut-Rite Reamer STM64	5	8.33							
1	Bit Sub	4 3/4	1.62							
1	5 7/8" Bull-Nose	4 1/2	1.80							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,930.0	7,930.0					

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 12/5/2011
Report #: 29, DFS: 21.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
POOH	M/U WFT logging tool, tih and log out.

Operations Summary
Ream f/5484' to 7930' w/rig service, circ -20 bbl sweeps to surface, pooh.

Remarks
Saftey Meeting: Reaming and conn.
Boiler 24hr.
Fuel used: 1488 Fuel on hand: 1880

Weather	Temperature (°F)	Road Condition	Hole Condition
Overcast	2.0	Snow pack	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	14:30	8.50	Reaming	Ream f/5484' to 6742' 4-8k wob 440 gpm, 1700 psi. avg 145 fph
14:30	15:00	0.50	Lubricate Rig	Rig service
15:00	19:30	4.50	Reaming	Ream f/6742' to 7518' 4-8k wob 440 gpm, 1700 psi. avg rop 172 fph
19:30	20:30	1.00	Condition Mud & Circulate	Circ. 20 bbl sweep to surface @ 7500'
20:30	23:00	2.50	Reaming	Ream f/7518' to 7930' 4-8k wob 440 gpm, 11750 psi.
23:00	01:00	2.00	Condition Mud & Circulate	Circ. 2-20 bbl Hi-Vis sweeps to surface.
01:00	01:30	0.50	Miscellaneous	Blow kelly down and set back.
01:30	06:00	4.50	Trips	POOH f/WFT logging tool.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
FW/Polymer	06:00	7,930.0	9.10	48		

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #8, Reamer assy

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	5 7/8in, <Model?>, <SN?>	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	7,930.26		0.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	42.00							
18	Drill Pipe	4	2,955.00							
25	50 4" xt39 HWDP	4	1,579.00							
102	Drill Pipe	4	3,300.00							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	Cut-Rite Reamer STM66	4 3/4	8.29							
1	Drill Collar	4 3/4	31.17							
	Cut-Rite Reamer STM64	5	8.33							
1	Bit Sub	4 3/4	1.62							
1	5 7/8" Bull-Nose	4 1/2	1.80							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
24,899	1,341,693

Daily Mud Cost	Mud Additive Cost To Date
1,044	68,699

Depth Start (ftKB)	Depth End (ftKB)
7,930	7,930

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)
6	3.490

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
1,750.0	No	70	95

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)
5 1/2	2.930

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
1,750.0	No	70	95

Mud Additive Amounts

Description	Consumed	Daily Cost
CI 300 A	2.0	99.54
Hi yield gel	30.0	216.00
X-CIDE	4.0	728.24

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/5/2011
Report #: 29, DFS: 21.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,930.0	7,930.0	0.00	15.50	15.50	0.0	

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 12/6/2011
Report #: 30, DFS: 22.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
TIH	TIH,deploy logging tool, pooh, ly/dn logging tool.

Operations Summary
Ly/dn dual reamer assy, wait on Weatherford logging tools density and image tool. (16 hrs), M/U logging tool, thaw out 2" mud line, surface test logging tool, tih.

Remarks
Saftey Meeting: Making up logging tools.
Boiler 24hr.
Fuel used: 1316Fuel on hand: 540

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	0.0	Snow pack	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:30	1.50	LD Drillpipe	Ly/dn 4 3/4" DC and 2 reamers.
07:30	23:30	16.00	Wire Line Logs	Wait on Weatherford logging tools, image tool arrived @ 22:45.
23:30	03:00	3.50	Wire Line Logs	PJSM w/WFT and crew pk/up & M/U WFT Shuttle conveyed logging tools.
03:00	05:00	2.00	Miscellaneous	Blow out mud line 2" froze, thaw out and surface test logging tool.
05:00	06:30	1.50	Wire Line Logs	TIH

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)
FW/Polymer	06:00	7,930.0	9.10	47		

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #8, Reamer assy

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	5 7/8in, <Model?>, <SN?>	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	7,930.26		0.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	42.00							
18	Drill Pipe	4	2,955.00							
25	50 4" xt39 HWDP	4	1,579.00							
102	Drill Pipe	4	3,300.00							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	Cut-Rite Reamer STM66	4 3/4	8.29							
1	Drill Collar	4 3/4	31.17							
	Cut-Rite Reamer STM64	5	8.33							
1	Bit Sub	4 3/4	1.62							
1	5 7/8" Bull-Nose	4 1/2	1.80							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
29,924	1,371,617

Daily Mud Cost	Mud Additive Cost To Date
	68,699

Depth Start (ftKB)	Depth End (ftKB)
7,930	7,930

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/6/2011
Report #: 30, DFS: 22.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 12/7/2011
Report #: 31, DFS: 23.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Rigging down WFT logging tool.	Down load logging tool, pk/up dual reamer assy, tih,circ, pooh ly/dn DP.

Operations Summary

TIH w/WFT Triple Combo / Shuttle conveyed logging tool. R/U Pro Petro pump truck, Cont. trip in w/ logging tool filling pipe every 20 stands. Circ botoms up. Pull 2-stands and Pro Petro pump truck pumped dart down hole and deployed WFT Triple Combo tool into open hole. (7930') Log out of hole to shoe @ 4 min/stand. POOH, ly/dn logging tool.

Remarks

Saftey Meeting: Tripping in hole w/ logging tools.
Boiler 24hr.
Fuel used: 1145 Fuel on hand: 3895

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	1.0	Snow pack	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	11:30	5.50	Wire Line Logs	TIH w/WFT Triple Combo / Shuttle conveyed logging tool.
11:30	13:00	1.50	Wire Line Logs	R/U Pro Petro pump truck
13:00	15:30	2.50	Wire Line Logs	Cont. trip in w/ logging tool filling pipe every 20 stands.
15:30	17:00	1.50	Wire Line Logs	Circ bottoms up.
17:00	18:30	1.50	Wire Line Logs	Pull 2-stands and Pro Petro pump truck pumped dart down hole and deployed WFT Triple Combo tool into open hole. (7930')
18:30	00:00	5.50	Wire Line Logs	Log out of hole @ 4 min/stand.
00:00	04:00	4.00	Wire Line Logs	POOH w/logging tool.
04:00	06:00	2.00	Wire Line Logs	L/D WFT logging tool.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #8, Reamer assy

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	5 7/8in, <Model?>, <SN?>	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	7,930.26		0.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	42.00							
18	Drill Pipe	4	2,955.00							
25	50 4" xt39 HWDP	4	1,579.00							
102	Drill Pipe	4	3,300.00							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	Cut-Rite Reamer STM66	4 3/4	8.29							
1	Drill Collar	4 3/4	31.17							

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
32,523	1,404,140

Daily Mud Cost	Mud Additive Cost To Date
	68,699

Depth Start (ftKB)	Depth End (ftKB)
7,930	7,930

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
George Urban	970-316-3297
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/7/2011
Report #: 31, DFS: 23.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
	Cut-Rite Reamer STM64	5	8.33							
1	Bit Sub	4 3/4	1.62							
1	5 7/8" Bull-Nose	4 1/2	1.80							

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,930.0	7,930.0			15.50		400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
	65	1,100.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

Berry Daily Drilling Report

Report Date: 12/8/2011
Report #: 32, DFS: 24.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
L/D 4" DP @ 1050'	RIH w/ 4 1/2" Liner w/ Baker Tools, Hang liner, L/D 4" DP.

Operations Summary
Finished L/D WFT logging tools, M/U reamer BHA & RIH, Circ., Stand back 4880' DP & HW, L/D 3000' 4" DP.

Remarks
Saftey Meeting: Working in sub zero environment.
Fuel used: 1150 Fuel on hand: 2745

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	10.0	Snow pack	Good

AFE Number	Total AFE Amount
C11 032038	
Daily Cost	**Cum Cost To Date**
33,446	1,437,586
Daily Mud Cost	**Mud Additive Cost To Date**
	68,699
Depth Start (ftKB)	**Depth End (ftKB)**
7,930	7,930
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
Target Formation	**Target Depth (ftKB)**
Uteland Butte	4,534

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Intermediate	4,933	7	122 jts. 7" 26# N-80 LT&C

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	07:00	1.00	Wire Line Logs	L/D WFT Logging tools.
07:00	09:30	2.50	Miscellaneous	Thaw out mud lines, Melt & chip ice off choke manifold & V-Door.
09:30	10:30	1.00	Trips	M/U Reamer BHA
10:30	19:00	8.50	Trips	Trip in to TD w/ Reamer BHA.
19:00	21:00	2.00	Condition Mud & Circulate	Circ. 2 x Bottoms up w/ 400 gpm.
21:00	02:00	5.00	Trips	Trip out w/ 51 stands of 4" DP & 25 stands of 4" HWDP
02:00	03:00	1.00	LD Drillpipe	Held PJSM & R/U WFT Lay down Machine
03:00	06:00	3.00	LD Drillpipe	L/D 3050' 4" Drill pipe. 1050' @ Report time.

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

BHA #8, Reamer assy

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)
1	5 7/8in, <Model?>, <SN?>	-------	

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...
	7,930.26		0.0

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN
1	kelly	4 1/4	42.00							
18	Drill Pipe	4	2,955.00							
25	50 4" xt39 HWDP	4	1,579.00							
102	Drill Pipe	4	3,300.00							
1	X/O 3 1/2 IF x 4 XT39	4	3.05							
1	Cut-Rite Reamer STM66	4 3/4	8.29							
1	Drill Collar	4 3/4	31.17							
	Cut-Rite Reamer STM64	5	8.33							
1	Bit Sub	4 3/4	1.62							
1	5 7/8" Bull-Nose	4 1/2	1.80							

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Chad D. Beath	866-910-9236

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/8/2011
Report #: 32, DFS: 24.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)
Original Hole	7,930.0	7,930.0			15.50		400

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq
	65	1,100.0					

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 12/9/2011
Report #: 33, DFS: 25.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah

Spud Date	Rig Release Date	KB-Ground Distance (ft)	Ground Elevation (ftKB)
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
L/D 4" DP & HWDP.	L/D DP & HW, RIH & land Tie-Back string, N/D BOP & release rig.

Operations Summary

Finished L/D 3000' 4" DP, R/U WFT casers & RIH w/ Baker Packers & Frac sleeves, RIH w/ 4800' 4" DP & HWDP, Circ. B/U w/ rig pump, Displace open hole to diesel w/ ProPetro pump truck, Drop ball & set Baker liner hanger, Pulled out of TBR & displace 7" x 4" annulas to 2% KCl, R/U WFT Lay down machine & L/D 4" DP.

Remarks

Saftey Meeting: Tripping / Working w/ pump truck.
Fuel used: 1180 Fuel on hand: 5242 Recieved 4500 gal. 30/70 Diesel fuel

Weather	Temperature (°F)	Road Condition	Hole Condition
Clear	12.0	Snow pack	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Liner	7,925	4 1/2	Liner top @ +/- 4865'

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	09:00	3.00	LD Drillpipe	Finish laying down 4" DP & 2 x reamer BHA.
09:00	10:30	1.50	Run Liner	Held PJSM & R/U WFT casers.
10:30	15:30	5.00	Run Liner	RIH w/ 62 jts. 4 1/2" 11.60 P-110 LTC casing, & 14 Frac sleeves , 14 Swell Packers & Baker liner hanger as per Berry completion engineer.
15:30	16:00	0.50	Run Liner	M/U Baker liner hanger.
16:00	16:30	0.50	Run Liner	R/D casing crew & L/D machine.
16:30	19:30	3.00	Run Liner	RIH w/ liner on DP & HWDP to 4900'
19:30	20:30	1.00	Run Liner	Fill pipe & circ. B/U prior to running into open hole w/ liner.
20:30	23:00	2.50	Run Liner	Cont. RIH w/ Liner to 7930'
23:00	23:30	0.50	Run Liner	M/U swedge & ProPetro chicksans.
23:30	01:00	1.50	Run Liner	Circ. B/U w/ rig pump @ 176 gpm & 660 psi.
01:00	03:00	2.00	Run Liner	Pump 5 bbls. 2% KCL ahead of displacing diesel. Pumped 100 bbls. diesel & displ. drill pipe w/ 45 bbls. 2% KCL.
03:00	03:30	0.50	Run Liner	Drop ball & allow ball to reach Hanger.
03:30	04:00	0.50	Run Liner	Seat ball & pressure up to 3700 psi. Hang liner as per Baker field tech.
04:00	04:30	0.50	Run Liner	Shut annular & test liner & annulas w/ 1500 psi. f/ 15 min. Test OK.
04:30	05:30	1.00	Run Liner	Pull running tool 10' above liner top & displace 7" x 4" annulas w/ 108 bbls. 2% KCL.
05:30	06:00	0.50	LD Drillpipe	R/U WFT L/D Machine

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

AFE Number	Total AFE Amount
C11 032038	

Daily Cost	Cum Cost To Date
75,440	1,513,026

Daily Mud Cost	Mud Additive Cost To Date
	68,699

Depth Start (ftKB)	Depth End (ftKB)
7,930	7,930

Depth Start (TVD) (ftKB)	Depth End (TVD) (ftKB)

Target Formation	Target Depth (ftKB)
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

 # 1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

 # 2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/9/2011
Report #: 33, DFS: 25.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

Berry Daily Drilling Report

Report Date: 12/10/2011
Report #: 34, DFS: 26.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date Notice	APD State
43013336060000	NESE Sec 6 T5S-R6W	10/05/11	Utah
Spud Date	**Rig Release Date**	**KB-Ground Distance (ft)**	**Ground Elevation (ftKB)**
11/14/2011 1:30:00 AM	12/10/2011 6:00:00 AM	20.00	6,462

Operations at Report Time	Operations Next 24 Hours
Nipple down BOP & Clean mud tanks	Rig down & Prepare to mob.

Operations Summary
L/D 102 jts. 4" XT39 drill pipe & 50 jts. 4" XT39 HWDP, Pulled wear bushing, R/U & RIH w/ 4 1/2" Tie-Back String, Spaced out & Landed Tie-Back String, Tested to 1500 psi., L/D Landing jt., N/D BOP.

Remarks
Rig released @ 06:00 Dec. 10, 2011
Saftey Meeting: w/ Rig & WFT crews Running casing
Fuel used: 946 Fuel on hand: 4296

Weather	Temperature (°F)	Road Condition	Hole Condition
Partly Cloudy	10.0	Dry	Good

Last Casing Set

Casing Description	Set Depth (ftKB)	OD (in)	Comment
Tie-Back String	4,865	4 1/2	

Time Log

Start Time	End Time	Dur (hrs)	Operation	Comment
06:00	06:30	0.50	LD Drillpipe	R/U WFT L/D Machine
06:30	14:30	8.00	LD Drillpipe	Lay down 52 stds. 4" DP , 25 stds. 4" HWDP & Baker running tool. P/U & Break Kelly.
14:30	15:00	0.50	Miscellaneous	Pull wear bushing.
15:00	16:00	1.00	Run Casing & Cement	Held PJSM & R/U WFT casing crew.
16:00	19:30	3.50	Run Casing & Cement	M/U Baker seal assembly & RIH w/ 112 jts. 4 1/2" #11.6 P-110 LT&C. Liner shoe @ 7925' TOL @ 4865' Float collar @ 7878'
19:30	21:30	2.00	Run Casing & Cement	Aquire spacing & M/U landing joint w/ mandril hanger. Land out w/ 10,000 on TBR & 35,000 on Well head mandril hanger.
21:30	22:00	0.50	Miscellaneous	Pressure test 7" x 4 1/2" annulas w/ 1500 psi f/ 5 min. OK
22:00	23:00	1.00	Run Casing & Cement	R/D WFT Casing & L/D equip.
23:00	06:00	7.00	NU/ND BOP	Change out pipe rams f/ 4" to 4 1/2". N/D BOP

Mud Checks

Type	Time	Depth (ftKB)	Density (lb/gal)	Vis (s/qt)	PV Calc (cp)	Yield Point (lbf/100ft²)

Gel (10s) (lbf/100f...	Gel (10m) (lbf/10...	Gel (30m) (lbf/10...	Filtrate (mL/30min)	Filter Cake (/32")	pH	Solids (%)

MBT (lb/bbl)	Percent Oil (%)	Percent Water (%)	Chlorides (mg/L)	Calcium (mg/L)	KCL (%)	Electric Stab (V)

CEC for Cuttings	Whole Mud Add (bbl)	Mud Lost to Hole (bbl)	Mud Lost (Surf) (bbl)	Mud Vol (Res) (bbl)	Mud Vol (Act) (bbl)

Air Data

Parasite ACFM (ft³/min)	Drillpipe ACFM (ft³/min)	ECD Bit (lb/gal)	ECD Parasite (lb/gal)

Corrosion Inhibitor Injected in 24hr Period

gls Injected down Parasite (gal)	gls Injected in Mud (gal)	gls Biocide Injected in Mud (gal)

Drill Strings

Bit Run	Drill Bit	IADC Bit Dull	TFA (incl Noz) (in²)

Nozzles (/32")	String Length (ft)	String Wt (1000lbf)	BHA ROP (ft...

Drill String Components

Jts	Item Description	OD (in)	Len (ft)	Lobe config	Stages	rpm/gpm	Bit-Bend ft. (ft)	min gpm (gpm)	max gpm (gpm)	SN

AFE Number	Total AFE Amount
C11 032038	
Daily Cost	**Cum Cost To Date**
466,851	1,979,877
Daily Mud Cost	**Mud Additive Cost To Date**
	68,699
Depth Start (ftKB)	**Depth End (ftKB)**
7,930	7,930
Depth Start (TVD) (ftKB)	**Depth End (TVD) (ftKB)**
Target Formation	**Target Depth (ftKB)**
Uteland Butte	4,534

Daily Contacts

Job Contact	Mobile
Kim D. Gritz	435-823-1921
Marshall E. Gallegos	505-947-3660

Rigs

Contractor	Rig Number
Patterson - UTI	779

Mud Pumps

1, Maxum, M-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

2, BOMCO, F-1000

Pump Rating (hp)	Rod Diameter (in)	Stroke Length (in)
1,000.0		10.12

Liner Size (in)	Vol/Stk OR (bbl/stk)

Pressure (psi)	Slow Spd	Strokes (spm)	Eff (%)
	No		

Mud Additive Amounts

Description	Consumed	Daily Cost

Job Supplies

Supply Item Description	Unit Label

Total Received	Total Consumed	Total Returned

Diesel Fuel Consumption

Date	Consumed

Berry Daily Drilling Report

Report Date: 12/10/2011
Report #: 34, DFS: 26.2
Depth Progress: 0

Well Name: LC TRIBAL 12H-6-56

Drilling Parameters

Wellbore	Start (ftKB)	Depth End (ftKB)	Cum Depth (ft)	Drill Time (hrs)	Cum Drill Time ...	Int ROP (ft/hr)	Flow Rate (gpm)

WOB (1000lbf)	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	SO HL (1000lbf)	Drilling Torque	Off Btm Tq

Q (g inj) (ft³/...	Motor RPM (rpm)	T (Inj) (°F)	P (BH Ann) (...	T (bh) (°F)	P(Surf Ann) ...	T (surf ann) ...	Q (liq rtrn) (g...	Q (g return) ...

Deviation Surveys

All EMWD Surveys

Azim...	Date	Description	EWTie In...	Inclin...	MD Tie In (ft...	NSTie In ...	TVDTie In (ft...
268...	11/15/2011	All EMWD Surveys	0.00	0.00	0.00	0.00	0.00

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)

RECEIVED Dec. 19, 2011

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: 4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 303 999-4044 Ext

9. FIELD and POOL or WILDCAT: UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 1/19/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE NOTE THAT THE LC TRIBAL 12H-6-56 WENT TO SALES ON JANUARY 19, 2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 19, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brooke Broadhead	435 722-1325	Regulatory Assistant
SIGNATURE		**DATE**
N/A		1/19/2012

RECEIVED: Jan. 19, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
14-20-H62-5500

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
Oil Well

8. WELL NAME and NUMBER:
LC TRIBAL 12H-6-56

2. NAME OF OPERATOR:
BERRY PETROLEUM COMPANY

9. API NUMBER:
43013336060000

3. ADDRESS OF OPERATOR:
4000 South 4028 West Rt 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER:
303 999-4044 Ext

9. FIELD and POOL or WILDCAT:
UNDESIGNATED

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY:
DUCHESNE

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 1/11/2012	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PLEASE SEE THE ATTACHED COMPLETION HISTORY FOR THE LC TRIBAL 12H-6-56.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 19, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Brooke Broadhead	435 722-1325	Regulatory Assistant
SIGNATURE		**DATE**
N/A		1/18/2012

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 1, Report Date: 1/3/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11 032038		16,200	16,200

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	14:00	14.00	GOP	General Operations	PREP PAD. SPOT, FILL, & HEAT 63 FRAC TANKS. INSTALL FRAC TREE FROM CAMERON. TEST 4-1/2" CASING ANNULUS TO 1,500 PSI, HELD. INSTALL WATER MANIFOLDS & PUMPS. SPOT IN 2 FLOW BACK TANKS. PUT IN FLOW BACK LINES & SAND DUMP. SPOT IN AND RIG UP MAVERICK FRAC EQUIPMENT. RIG UP PROTECHNIC FOR TRACERS AND BAKER TO DROP BALLS TO ACTIVATE FRAC SLEEVES.
14:00	14:00		FRAC	Frac. Job	STAGE #1, (9,093'-9,274'). BAKER DROP 1.870. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 126,300 LBS OF 20/40 OTTAWA. MAX RATE OF 37.1 & AVG RATE OF 23.5. MAX PSI OF 5,831 & AVG PSI OF 3,412. PUMP 2,572 BBLS FLUID
14:00	14:00		FRAC	Frac. Job	STAGE #2, (8,867'-9,093'). BAKER DROP 2.00. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 126,020 LBS OF 20/40 OTTAWA. MAX RATE OF 40.4 & AVG RATE OF 33.2. MAX PSI OF 4,957 & AVG PSI OF 3,598. PUMP 2,278 BBLS FLUID
14:00	14:00		FRAC	Frac. Job	STAGE #3, (8,644'-8,867'). BAKER DROP 2.125. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 124,800 LBS OF 20/40 OTTAWA. MAX RATE OF 40.1 & AVG RATE OF 32.4. MAX PSI OF 5,432 & AVG PSI OF 4,519. PUMP 2,230 BBLS FLUID
14:00	14:00		FRAC	Frac. Job	STAGE #4, (8,429'-8,644'). BAKER DROP 2.250. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,530 LBS OF 100 MESH AND 121,880 LBS OF 20/40 OTTAWA. MAX RATE OF 40.3 & AVG RATE OF 35.9. MAX PSI OF 3,790 & AVG PSI OF 2,755. PUMP 2,091 BBLS FLUID. ISIP 2,050, 5 MINUTES 1,660, 10 MINUTES 1,510, AND 15 MINUTES 1,440. FRAC GRADIENT .85

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes
152	2380	ICC	2,550	ICC-SURFACE RENTALS	CAMERON 278541	Yes
152	2730	ICC	12,550	ICC-LOGGING/FORMATIONEVALUATION	PRO TECHNICS 376495	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 1, Report Date: 1/3/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 2, Report Date: 1/4/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11 032038		9,510	25,710

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	FRAC	Frac. Job	KCL SUPPLIER OUT OF KCL. ONLY ENOUGH KCL TO PUMP 3 FRAC STAGES
12:00	12:00		FRAC	Frac. Job	STAGE #5, (8,203'-8,429'). BAKER DROP 2.378. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 7,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,930 LBS OF 100 MESH AND 84,840 LBS OF 20/40 OTTAWA. MAX RATE OF 40.6 & AVG RATE OF 26.3. MAX PSI OF 5,206 & AVG PSI OF 3,370. PUMP 2,195 BBLS FLUID. CUT FRAC SHORT DUE TO HIGH PSI.
12:00	12:00		FRAC	Frac. Job	STAGE #6, (7,978'-8,203'). BAKER DROP 2.506. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,930 LBS OF 100 MESH AND 125,000 LBS OF 20/40 OTTAWA. MAX RATE OF 40.5 & AVG RATE OF 31.1. MAX PSI OF 5,404 & AVG PSI OF 3,274. PUMP 2,445 BBLS FLUID. ISIP 1,900. 5 MINUTES 1,470. 10 MINUTES 1,430. 15 MINUTES 1,400.
12:00	12:00		FRAC	Frac. Job	STAGE #7, (7,752'-7,978'). BAKER DROP 2.620. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,320 LBS OF 100 MESH AND 125,880 LBS OF 20/40 OTTAWA. MAX RATE OF 40.6 & AVG RATE OF 26.4. MAX PSI OF 4,564 & AVG PSI OF 2,748. PUMP 2,293 BBLS FLUID. ISIP 2,200. 5 MINUTES 1,740. 10 MINUTES 1,680. 15 MINUTES 1,570. FRAC GRADIENT .88

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes
152	2730	ICC	8,410	ICC-LOGGING/FORMATIONEVALUATION	PRO TECHNICS 376496	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 3, Report Date: 1/5/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11 032038		9,050	34,760

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	FRAC	Frac. Job	STAGE #8, (7,530'-7,752'). BAKER DROP 2.750. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 125,000 LBS OF 20/40 OTTAWA. MAX RATE OF 40.5 & AVG RATE OF 27.8. MAX PSI OF 5,551 & AVG PSI OF 3,156. PUMP 2,293 BBLS FLUID. ISIP 1,880. 5 MINUTES 1,600. 10 MINUTES 1,560. 15 MINUTES 1,520. FRAC GRADIENT .81
12:00	12:00		FRAC	Frac. Job	STAGE #9, (7,304'-7,530'). BAKER DROP 2.870. HAD TO DROP SECOND BALL. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 130,040 LBS OF 20/40 OTTAWA. MAX RATE OF 40.2 & AVG RATE OF 27.2. MAX PSI OF 3,886 & AVG PSI OF 2,715. PUMP 2,360 BBLS FLUID.
12:00	12:00		FRAC	Frac. Job	STAGE #10, (7,078'-7,304'). BAKER DROP 3.000. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 126,240 LBS OF 20/40 OTTAWA. MAX RATE OF 40.4 & AVG RATE OF 33.7. MAX PSI OF 4,544 & AVG PSI OF 2,778. PUMP 2,234 BBLS FLUID.
12:00	12:00		FRAC	Frac. Job	STAGE #11, (6,853'-7,078'). BAKER DROP 3.12. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 127,020 LBS OF 20/40 OTTAWA. MAX RATE OF 40.3 & AVG RATE OF 33.5. MAX PSI OF 5,072 & AVG PSI OF 3,080. PUMP 2,244 BBLS FLUID.
12:00	12:00		FRAC	Frac. Job	STAGE #12, (6,627'-6,853'). BAKER DROP 3.25. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 25,000 LBS OF 100 MESH AND 130,100 LBS OF 20/40 OTTAWA. MAX RATE OF 40.7 & AVG RATE OF 36.1. MAX PSI OF 3,796 & AVG PSI OF 2,530. PUMP 2,210 BBLS FLUID.

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes
152	2730	ICC	7,950	ICC-LOGGING/FORMATIONEVALUATION	PRO TECHNICS 376497	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 3, Report Date: 1/5/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 4, Report Date: 1/6/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11 032038		1,154,190	1,188,950

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	FRAC	Frac. Job	STAGE #13, (6,357'-6,627'). BAKER DROP 3.275. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 23,420 LBS OF 100 MESH AND 115,000 LBS OF 20/40 OTTAWA. MAX RATE OF 40.2 & AVG RATE OF 27.1. MAX PSI OF 4,652 & AVG PSI OF 2,802. PUMP 2,190 BBLS FLUID.
12:00	12:00		FRAC	Frac. Job	STAGE #14, (6,000'-6,357'). BAKER DROP 3.50. HOLD SAFETY MEETING. MAVERICK PRESSURE TEST LINES TO 6,000 PSI, HELD. PUMP BALL AND OPEN FRAC SLEEVE. PUMP 23,420 LBS OF 100 MESH AND 115,000 LBS OF 20/40 OTTAWA. MAX RATE OF 40.3 & AVG RATE OF 31.8. MAX PSI OF 3,957 & AVG PSI OF 2,644. PUMP 2,069 BBLS FLUID. ISDP 4,720. 5 MINUTES 1,980. 10 MINUTES 1,600. 15 MINUTES 1,550. FFG OF .91 TOTAL FLUID 31,897

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes
152	2360	ICC	1,143,390	ICC-STIMULATION/ACIDIZING	MAVERICK	Yes
152	2358	ICC	3,250	ICC-BRIDGE PLUGS & PACKERS	BAKER	Yes
152	2730	ICC	6,450	ICC-LOGGING/FORMATIONEVALUATION	PRO TECHNICS 376498	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 5, Report Date: 1/10/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11 032038		1,100	1,190,050

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	DRPG	Drill out plugs	IPS (INTEGRATED PRODUCTION SERVICES) MIRU COIL TBG UNIT (2" COIL). P/U THRU TUBING 3.75 MILL & MOTOR. PERFORM PULL TEST ON TUBING. WELL PRESSURE 750. OPEN WELL & RIH. D/O 13 BAKER PLUGS (AVG 5 TO 10 MINUTES PER PLUG). PUMP 2.5 BPM AND AVG 3.0 BPM DURING RETURNS AND WORKING WELL HEAD PSI AVG BETWEEN 600 & 800. C/O TO BOTTOM PLUG AND CIRC CLEAN. POOH & BLOW DRY EQUIPMENT. LEAVE WELL S.I.

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED: Jan. 18, 2012

Berry Daily Completion and Workover

Report # 6, Report Date: 1/11/2012

Well Name: LC TRIBAL 12H-6-56

API/UWI	Surface Legal Location	Spud Date	Field Name	APD State
43013336060000	NESE Sec 6 T5S-R6W	11/14/2011 1:30:00 AM	Lake Canyon	Utah

Well Configuration Type	Original KB Elevation (ftKB)	KB-Ground Distance (ft)	KB-Tubing Head Distance (ft)	Ground Elevation (ftKB)
Horizontal	6,482	20.00		6,462

Primary Job Type	Secondary Job Type
Fracture Treatment	

Objective

Contractor	Rig Number

AFE Number	Total AFE Amount	Daily Cost	Cum Cost To Date
C11 032038		215,970	1,406,020

Weather	T (°F)	Road Condition	Tubing Pressure (psi)	Casing Pressure (psi)	Rig Time (hrs)

Job Contact	Title	Mobile

Time Log

Start Time	End Time	Dur (hrs)	Code 1	Operation	Comment
00:00	12:00	12.00	LOGG	Logging	WELL PRESSURE AT 700 PSI. LOAD COIL, PUT ON CROSSOVER FOR PRO TECHNICS SURVEY TOOL. HOOK UP TOOL. PRESSURE TEST. HOOK UP TO WELL. OPEN WELL AND RIH WITH COIL TUBING. PUMP RATE AT .5 BPM THROUGH VERTICAL SECTION. UP RATE TO 1.5 BPM THROUGH HORIZONTAL. LOGGING AT 30'/MIN. FINISH ROUND TRIP AND BREAK OFF SURVEY TOOLS AND CONNECTIONS. BLOW COIL DRY. R/D COIL TUBING UNIT AND ROAD OFF OF PAD. TURN WELL ON AT 650 PSI ON A 29 CHOKE AT +/- 4:30 P.M. LEAVE WELL FLOWING. PUMP 450 BBLS

Report Fluids Summary

Fluid	To well (bbl)	From well (bbl)	To lease (bbl)	From lease (bbl)

Daily Costs

Code 1	Code 2	Code 3	Cost	Cost Description	Vendor	Carry Fwd?
152	2106	ICC	12,940	ICC-WATER&WATERHAULING	TARGET 7052	Yes
152	2125	ICC	1,100	ICC-CONTRACTSUPERVISION	BBC	Yes
152	2305	ICC	72,250	ICC-RIGCOST-COMPLETION	IPS 5643	Yes
152	2380	ICC	100,710	ICC-SURFACE RENTALS	DALBO	Yes
152	2730	ICC	11,710	ICC-LOGGING/FORMATIONEVALUATION	PRO TECHNICS 191483	Yes
152	2381	ICC	17,260	ICC-DOWNHOLERENTALS	THRU TUBING 99486	Yes

Safety Checks

Time	Description	Type	Comment

Logs

Date	Type	Top (ftKB)	Btm (ftKB)	Cased?
				No

Perforations

Date	Zone	Top (ftKB)	Btm (ftKB)	Current Status

Date	Zone	Type	Stim/Treat Company

Stg No.	Stage Type	Top (ftKB)	Btm (ftKB)	V (pumped) (bbl)

Other In Hole

Description	Run Date	OD (in)	Top (ftKB)	Btm (ftKB)

Cement

Description	Start Date	Cement Comp

RECEIVED: Jan. 18, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☑ OTHER

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: See Attached List

2. NAME OF OPERATOR: Berry Petroleum

9. API NUMBER: Attached

3. ADDRESS OF OPERATOR: Rt 2 Box 7735 CITY Roosevelt STATE UT ZIP 84066

PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: Duchesne

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☑ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Produced wastewater from Berry Petroleum Company wells (see attached well list) will be or have been used for injection in our enhanced oil recovery project(s) in the Brundage Canyon Field or they will be trucked to one of the following approved waste water disposal sites:

- R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell
- MC & MC Disposal Sec. 12, T6S, R19E, Vernal
- LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint
- Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt
- ITL 4461 W 3000 So Roosevelt Location Pleasant Valley
- IWM PO Box 430 Altamont or 20250 W 2000 S Duchesne Location – Blue Bench
- Pro Water 12223 Highland Ave Ste B503 Rancho Cucamonga Ca 91739 Location – Blue Bench

COPY SENT TO OPERATOR
Date: 12-13-2012
Initials: KS

Approved by the Utah Division of Oil, Gas and Mining

Date: 12/11/12

By:

NAME (PLEASE PRINT) Krista Mecham TITLE Sr. Regulatory & Permitting Tech

SIGNATURE Krista Mecham DATE 11/21/2012

(This space for State use only) Federal Approval of this action required for Federal wells.

RECEIVED
DEC 06 2012
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

API	Well Name	Lease
43-013-32710	#1 DLB 12-15-56	Fee
43-013-33447	1-15-56 DLB	Fee
43-013-33378	14-11-56 DLB	Fee
43-013-30842	B C UTE TRIBAL 14-15	14-20-H62-3412
43-013-30841	B C UTE TRIBAL 16-16	14-20-H62-3413
43-013-30829	B C UTE TRIBAL 8-21	14-20-H62-3414
43-013-30755	BC UTE TRIBAL 4-22	14-20-H62-3415
43-013-33216	BERRY TRIBAL 1-23-54	14-20-H62-4943
43-013-33867	BERRY TRIBAL 2-34D-54	14-20-H62-4955
43-013-33384	BERRY TRIBAL 4-34-54	14-20-H62-4955
43-013-33381	BERRY TRIBAL 7-23-54	14-20-H62-4943
43-013-33383	BERRY TRIBAL 7-34-54	14-20-H62-4955
43-013-33417	BERRY TRIBAL 8-23D-54	14-20-H62-4943
43-013-33465	BERRY TRIBAL 9-23-54	14-20-H62-4943
43-013-33382	BERRY TRIBAL 9-34-54	14-20-H62-4955
43-013-33724	BERRY TRIBAL 10-23D-54	14-20-H62-4943
43-013-33422	BERRY TRIBAL 10-34D-54	14-20-H62-4955
43-013-33725	BERRY TRIBAL 11-23D-54	14-20-H62-4943
43-013-33529	BERRY TRIBAL 11-34D-54	14-20-H62-4955
43-013-50527	BERRY TRIBAL 12-34D-54	14-20-H62-4955
43-013-34043	BERRY TRIBAL 13-23-54	14-20-H62-4943
43-013-33989	BERRY TRIBAL 14-23D-54	14-20-H62-4943
43-013-33217	BERRY TRIBAL 15-23-54	14-20-H62-4943
43-013-33411	BERRY TRIBAL 15-34-54	14-20-H62-4955
43-013-33464	BERRY TRIBAL 16-34D-54	14-20-H62-4955
43-013-50524	FEDERAL 1-1D-64	UTU-77321
43-013-51142	FEDERAL 1-1D-65	UTU-77326
43-013-51232	FEDERAL 1-11-65	UTU-77330
43-013-50326	FEDERAL 10-1D-65	UTU-77326
43-013-33542	FEDERAL 10-2-65	UTU-77326
43-013-33386	FEDERAL 10-3-65	UTU-77326
43-013-50735	FEDERAL 10-6D-64	UTU-77322
43-013-33451	FEDERAL 11-10-65	UTU-77330
43-013-50327	FEDERAL 11-1D-65	UTU-77326
43-013-50763	FEDERAL 11-2D-65	UTU-77326
43-013-50565	FEDERAL 11-4D-64	UTU-77314
43-013-50348	FEDERAL 11-5D-64	UTU-8894A
43-013-34284	FEDERAL 11-6D-64	UTU-77322
43-013-50328	FEDERAL 12-1D-65	UTU-77326
43-013-50737	FEDERAL 12-3D-64	UTU-77321
43-013-50349	FEDERAL 12-5D-64	UTU-8894A
43-013-50261	FEDERAL 12-6D-64	UTU-77322
43-013-50730	FEDERAL 1-2D-64	UTU-77321
43-013-33966	FEDERAL 1-2D-65	UTU-77326
43-013-50329	FEDERAL 13-1D-65	UTU-77326
43-013-50337	FEDERAL 13-5D-64	UTU-8894A
43-013-50347	FEDERAL 13-6D-64	UTU77322
43-013-50330	FEDERAL 14-1D-65	UTU-77326

43-013-50338	FEDERAL 14-5D-64	UTU-8894A
43-013-34285	FEDERAL 14-6D-64	UTU-77322
43-013-51175	FEDERAL 15-1D-65	UTU-77326
43-013-50764	FEDERAL 15-2D-65	UTU-77326
43-013-50553	FEDERAL 15-5D-65	UTU-77327
43-013-51176	FEDERAL 16-1D-65	UTU-77326
43-013-33490	FEDERAL 16-5-65	UTU-77327
43-013-50266	FEDERAL 1-6-64	UTU-77322
43-013-51233	FEDERAL 2-11D-65	UTU-77326
43-013-50759	FEDERAL 2-1D-65	UTU-77326
43-013-33385	FEDERAL 2-2-65	UTU-77326
43-013-34018	FEDERAL 2-2D-64	UTU-77321
43-013-34286	FEDERAL 2-6D-64	UTU-77322
43-013-51093	FEDERAL 3-12D-65	UTU-77326
43-013-50760	FEDERAL 3-1D-65	UTU-77326
43-013-34001	FEDERAL 3-2D-65	UTU-77326
43-013-50782	FEDERAL 3-4D-65	UTU-77327
43-013-34287	FEDERAL 3-5D-64	UTU-8894A
43-013-50268	FEDERAL 3-6D-64	UTU-77322
43-013-51094	FEDERAL 4-12D-65	UTU-77326
43-013-50736	FEDERAL 4-3D-64	UTU-77321
43-013-50521	FEDERAL 4-4D-65	UTU-77327
43-013-50263	FEDERAL 4-5D-64	UTU-8894A
43-013-50267	FEDERAL 4-6D-64	UTU-77322
43-013-51095	FEDERAL 5-12D-65	UTU-77330
43-013-50761	FEDERAL 5-1D-65	UTU-77326
43-013-33448	FEDERAL 5-3-64	UTU-77321
43-013-33450	FEDERAL 5-4-64	UTU-77326
43-013-33387	FEDERAL 5-4-65	UTU-77327
43-013-50259	FEDERAL 5-5D-64	UTU-8894A
43-013-33489	FEDERAL 5-6-65	UTU-77327
43-013-50269	FEDERAL 5-6D-64	UTU-77322
43-013-33491	FEDERAL 6-11-65	UTU-77330
43-013-51096	FEDERAL 6-12D-65	UTU-77330
43-013-32699	FEDERAL 6-1-65	UTU-77325
43-013-32557	FEDERAL 6-2-65	UTU-77326
43-013-50522	FEDERAL 6-3D-64	UTU-77321
43-013-34288	FEDERAL 6-5D-64	UTU-8894A
43-013-33745	FEDERAL 6-6D-64	UTU-77322
43-013-50566	FEDERAL 6-6D-65	UTU-77327
43-013-34061	FEDERAL 7-11D-65	UTU-77330
43-013-34015	FEDERAL 7-1D-65	UTU-77325
43-013-50734	FEDERAL 7-2D-64	UTU-77321
43-013-50525	FEDERAL 7-2D-65	UTU-77326
43-013-34065	FEDERAL 7-3D-65	UTU-77326
43-013-34020	FEDERAL 7-6D-64	UTU-77322
43-013-51232	FEDERAL 8-11D-65	UTU-77326
43-013-33449	FEDERAL 8-1-64	UTU-77321
43-013-50350	FEDERAL 8-1D-65	UTU-77326

43-013-33581	FEDERAL 8-2D-64	UTU-77321
43-013-50719	FEDERAL 8-2D-65	UTU-77326
43-013-50325	FEDERAL 8-6D-64	UTU-77322
43-013-50342	FEDERAL 9-1D-65	UTU-77326
43-013-50762	FEDERAL 9-2D-65	UTU-77326
43-013-51218	FEDERAL 9-6D-64	UTU-77322
43-013-32351	FOY TRIBAL 11-34-55	UTU-76968
43-013-33799	FOY TRIBAL 12H-33-55	FEE
43-013-51288	LC FEE 10-28D-56	FEE
43-013-50994	LC FEE 10-31D-45	FEE
43-013-50965	LC FEE 1-22-57	FEE
43-013-50718	LC FEE 1-22D-56	FEE
43-013-51371	LC FEE 1-31D-45	FEE
43-013-50929	LC FEE 13-29-45	FEE
43-013-50870	LC FEE 15-23D-56	FEE
43-013-50601	LC FEE 16-16D-56	FEE
43-013-50777	LC FEE 2-20D-56	FEE
43-013-33593	LC FEE 6-12-57	FEE
43-013-50867	LC FEE 8-28D-56	FEE
43-013-50928	LC FEE 8-29-45	FEE
43-013-50963	LC FEE 9-12D-57	FEE
43-013-51192	LC FEE 9-19-56	FEE
43-013-50602	LC TRIBAL 10-16D-56	14-20-H62-6301
43-013-50999	LC TRIBAL 10-21-56	14-20-H62-3433
43-013-33677	LC TRIBAL 11-17-56	14-20-H62-6300
43-013-50751	LC TRIBAL 11-3D-56	14-20-H62-6435
43-013-50780	LC TRIBAL 12-22D-56	14-20-H62-6302
43-013-33606	LC TRIBAL 12H-6-56	14-20-H62-5500
43-013-34282	LC TRIBAL 13-16D-56	14-20-H62-5623
43-013-33591	LC TRIBAL 13H-3-56	14-20-H62-6435
43-013-50776	LC TRIBAL 14-14D-56	14-20-H62-6436
43-013-50834	LC TRIBAL 14-15D-56	14-20-H62-6435
43-013-33492	LC TRIBAL 14-2-56	14-20-H62-6472
43-013-51030	LC TRIBAL 15-15D-56	14-20-H62-6435
43-013-50606	LC TRIBAL 15-22D-56	14-20-H62-6302
43-013-50871	LC TRIBAL 15-26-56	14-20-H62-6471
43-013-51132	LC TRIBAL 16-30D-56	2OG-000-5500
43-013-33608	LC TRIBAL 1-9-56	14-20-H62-5657
43-013-33538	LC TRIBAL 2-16D-56	14-20-H62-5623
43-013-51429	LC TRIBAL 2-28D-45	2OG-000-5500
43-013-50866	LC TRIBAL 2-28D-56	14-20-H62-6473
43-013-50925	LC TRIBAL 2-5D-56	14-20-H62-6432
43-013-50926	LC TRIBAL 2-9D-56	14-20-H62-5657
43-013-50598	LC TRIBAL 3-15D-56	14-20-H62-6435
43-013-33541	LC TRIBAL 3-17-56	14-20-H62-5655
43-013-50751	LC TRIBAL 3-21D-56	14-20-H62-3433
43-013-50976	LC TRIBAL 3-34-45	2OG-000-5500
43-013-33580	LC TRIBAL 3-5-56	14-20-H62-6257
43-013-33539	LC TRIBAL 4-16-56	14-20-H62-6301

43-013-50262	LC TRIBAL 4-27D-56	14-20-H62-6303
43-013-50661	LC TRIBAL 5-14D-56	14-20-H62-6436
43-013-50752	LC TRIBAL 5-21D-56	14-20-H62-3433
43-013-50625	LC TRIBAL 5-23D-56	14-20-H62-6434
43-013-50260	LC TRIBAL 6-22D-56	14-20-H62-6302
43-013-50868	LC TRIBAL 6-27D-56	14-20-H62-6303
43-013-51034	LC TRIBAL 6-28-45	2OG-000-5500
43-013-51073	LC TRIBAL 7-27-45	2OG-000-5500
43-013-33577	LC TRIBAL 7-3-56	14-20-H62-5656
43-013-50599	LC TRIBAL 8-16D-56	14-20-H62-6301
43-013-33576	LC TRIBAL 8-28-46	14-20-H62-5500
43-013-51131	LC TRIBAL 8-30D-56	2OG-000-5500
43-013-33605	LC TRIBAL 8-4-56	14-20-H62-6256
43-013-51031	LC TRIBAL 9-15D-56	14-20-H62-6435
43-013-51430	LC TRIBAL 9-28D-45	2OG-000-5500
43-013-51112	LC TRIBAL 9-8D-56	2OG-000-5500
43-013-51198	LC TRIBAL 9-9D-56	2OG-000-5500
43-013-51076	LC Tribal 11-24-45	2OG-000-5500
43-013-32931	MOON TRIBAL 10-2-54	14-20-H62-3404
43-013-32540	MOON TRIBAL 10-27-54	14-20-H62-3375
43-013-32845	MOON TRIBAL 11-27-54	14-20-H62-3375
43-013-32347	MOON TRIBAL 12-23-54	14-20-H62-4943
43-013-32541	MOON TRIBAL 12-27-54	14-20-H62-3375
43-013-32937	MOON TRIBAL 1-27-54	14-20-H62-3375
43-013-32801	MOON TRIBAL 13-27-54	14-20-H62-3375
43-013-32408	MOON TRIBAL 14-27-54	14-20-H62-3375
43-013-32846	MOON TRIBAL 15-27-54	14-20-H62-3375
43-013-32927	MOON TRIBAL 16-23-54	14-20-H62-4943
43-013-34109	MOON TRIBAL 16-27D-54	14-20-H62-3375
43-013-32613	MOON TRIBAL 3-27-54	14-20-H62-3375
43-013-32800	MOON TRIBAL 4-23-54	14-20-H62-4943
43-013-32938	MOON TRIBAL 5-23-54	14-20-H62-4943
43-013-32802	MOON TRIBAL 5-27-54	14-20-H62-3375
43-013-32843	MOON TRIBAL 6-23-54	14-20-H62-4943
43-013-32407	MOON TRIBAL 6-27-54	14-20-H62-3375
43-013-33365	MOON TRIBAL 7-27D-54	14-20-H62-3375
43-013-32543	MOON TRIBAL 8-27-54	14-20-H62-3375
43-013-32782	MYRIN TRIBAL 14-19-55	14-20-H62-5058
43-013-32934	MYRIN TRIBAL 16-19-55	14-20-H62-5058
43-013-33152	NIELSEN FEE 13-11-56	14-20-H62-5620
43-013-32737	NIELSEN MARSING 13-14-56	FEE
43-013-31131	S BRUNDAGE CYN UTE TRIBAL 4-27	14-20-H62-3375
43-013-30948	S BRUNDAGE UTE TRIBAL 1-30	14-20-H62-3417
43-013-30933	S COTTONWOOD RIDGE UTE TRIBAL 1-19	14-20-H62-4919
43-007-30890	SCOFIELD THORPE 22-41X RIG SKID	FEE
43-007-31001	SCOFIELD-THORPE 23-31	FEE
43-007-30991	SCOFIELD-THORPE 35-13	FEE
43-013-50686	SFW FEE 14-10D-54	FEE
43-013-50247	SFW FEE 15-10-54	FEE

43-013-34295	SFW TRIBAL 10-10D-54	14-20-H62-5517
43-013-34296	SFW TRIBAL 9-10D-54	14-20-H62-5517
43-013-31701	SOWERS CANYON 9-27	14-20-H62-4753/UTU-76967
43-013-30955	SOWERS CYN UTE TRIBAL 3-26	14-20-H62-3444
43-013-33916	ST TRIBAL 1-15D-54	14-20-H62-4661
43-013-32849	ST TRIBAL 2-15-54	14-20-H62-4661
43-013-34059	ST TRIBAL 3-15D-54	14-20-H62-4661
43-013-32850	ST TRIBAL 4-15-54	14-20-H62-4661
43-013-34060	ST TRIBAL 5-15D-54	14-20-H62-4661
43-013-32848	ST TRIBAL 6-15-54	14-20-H62-4661
43-013-33950	ST TRIBAL 7-15D-54	14-20-H62-4661
43-013-32851	ST TRIBAL 8-15-54	14-20-H62-4661
43-013-33951	ST TRIBAL 9-15D-54	14-20-H62-4661
43-013-50245	STATE TRIBAL 16-10-54	14-20-H62-5517
43-013-32953	STATE TRIBAL 5-18-54	14-20-H62-5035
43-013-32952	STATE TRIBAL 7-18-54	14-20-H62-5035
43-013-30999	T C UTE TRIBAL 9-23X	14-20-H62-3443
43-013-31699	TABBY CANYON 1-21	14-20-H62-4825/UTU-76965
43-013-31700	TABBY CANYON 8-22	14-20-H62-4754/UTU-76966
43-013-30945	TABBY CYN UTE TRIBAL 1-25	14-20-H62-3537
43-013-33121	TAYLOR FEE 13-22-56	FEE
43-013-33140	TAYLOR FEE 7-14-56	FEE
43-013-32738	TAYLOR HERRICK 10-22-56	FEE
43-013-51271	UTE FEE 14-9D-54	FEE
43-013-51272	UTE FEE 15-9D-54	FEE
43-013-33720	UTE FEE 2-13-55	FEE
43-013-51259	UTE FEE 9-9-54	FEE
43-013-33055	UTE TRIBAL 10-12-55	14-20-H62-5056
43-013-33205	UTE TRIBAL 10-14-54	14-20-H62-5033
43-013-32601	UTE TRIBAL 10-14-55	14-20-H62-5016
43-013-32587	UTE TRIBAL 10-15-54	14-20-H62-4661
43-013-32977	UTE TRIBAL 10-15-55	14-20-H62-5017
43-013-33129	UTE TRIBAL 10-16-54	14-20-H62-3413
43-013-32345	UTE TRIBAL 10-16-55	14-20-H62-5024
43-013-33133	UTE TRIBAL 10-17-54	14-20-H62-4731
43-013-33300	UTE TRIBAL 10-18-54	14-20-H62-4919
43-013-32717	UTE TRIBAL 10-19-54	14-20-H62-3528
43-013-32740	UTE TRIBAL 10-20-54	14-20-H62-3529
43-013-32603	UTE TRIBAL 10-21-55	14-20-H62-4825
43-013-32592	UTE TRIBAL 10-22-54	14-20-H62-3415
43-013-33722	UTE TRIBAL 10-22D-55	14-20-H62-4754
43-013-33358	UTE TRIBAL 10-23D-55	14-20-H62-3443
43-013-32932	UTE TRIBAL 10-24-54	14-20-H62-4716
43-013-33156	UTE TRIBAL 10-24D-55	14-20-H62-4749
43-013-32749	UTE TRIBAL 10-25-55	14-20-H62-3537
43-013-33620	UTE TRIBAL 10-26D-54	14-20-H62-4954
43-013-33360	UTE TRIBAL 10-26D-55	14-20-H62-3444
43-013-33683	UTE TRIBAL 10-27D-55	14-20-H62-4753
43-013-32764	UTE TRIBAL 10-28-54	14-20-H62-4740

43-013-32419	UTE TRIBAL 10-28-55	14-20-H62-5019
43-013-33155	UTE TRIBAL 10-29-54	14-20-H62-5036
43-013-33157	UTE TRIBAL 10-29D-55	14-20-H62-5020
43-013-32847	UTE TRIBAL 10-31-54	14-20-H62-4946
43-013-32936	UTE TRIBAL 10-31-55	14-20-H62-5060
43-013-33902	UTE TRIBAL 10-32-54	14-20-H62-4947
43-013-33092	UTE TRIBAL 10-33-54	14-20-H62-4948
43-013-32353	UTE TRIBAL 10-35-55	14-20-H62-4945
43-013-33968	UTE TRIBAL 10-36D-55	14-20-H62-4944
43-013-50854	UTE TRIBAL 10S-21D-54	14-20-H62-3141
43-013-32721	UTE TRIBAL 11-12-55	14-20-H62-5518
43-013-32568	UTE TRIBAL 11-13-54	14-20-H62-4894
43-013-33268	UTE TRIBAL 11-13-55	14-20-H62-4845
43-013-32693	UTE TRIBAL 11-14-55	14-20-H62-5016
43-013-33206	UTE TRIBAL 11-15-54	14-20-H62-4661
43-013-32980	UTE TRIBAL 11-15-55	14-20-H62-5017
43-013-32589	UTE TRIBAL 11-16-54	14-20-H62-3413
43-013-32145	UTE TRIBAL 11-17	14-20-H62-4731
43-013-31547	UTE TRIBAL 11-19	14-20-H62-3528
43-013-32168	UTE TRIBAL 11-20	14-20-H62-3529
43-013-32415	UTE TRIBAL 11-20-55	14-20-H62-5018
43-013-33115	UTE TRIBAL 11-21-54	14-20-H62-3414
43-013-33116	UTE TRIBAL 11-22-54	14-20-H62-3415
43-013-32607	UTE TRIBAL 11-22-55	14-20-H62-4754
43-013-32269	UTE TRIBAL 11-23-55	14-20-H62-3443
43-013-31909	UTE TRIBAL 11-24	14-20-H62-4749
43-013-31911	UTE TRIBAL 11-25	14-20-H62-3537
43-013-32856	UTE TRIBAL 11-25-54	14-20-H62-3440
43-013-32990	UTE TRIBAL 11-25-56	14-20-H62-5065
43-013-32844	UTE TRIBAL 11-26-54	14-20-H62-4954
43-013-33478	UTE TRIBAL 11-26D-55	14-20-H62-3444
43-013-32615	UTE TRIBAL 11-27-55	14-20-H62-4753
43-013-32192	UTE TRIBAL 11-28	14-20-H62-4740
43-013-34057	UTE TRIBAL 11-28-55	14-20-H62-5019
43-013-32563	UTE TRIBAL 11-29-54	14-20-H62-5032
43-013-32512	UTE TRIBAL 11-30-54	14-20-H62-4662
43-013-32530	UTE TRIBAL 11-31-54	14-20-H62-4946
43-013-33793	UTE TRIBAL 11-32D-54	14-20-H62-4947
43-013-32522	UTE TRIBAL 11-33-54	14-20-H62-4948
43-013-33783	UTE TRIBAL 11-35-55	14-20-H62-5053
43-013-33214	UTE TRIBAL 11-36D-55	14-20-H62-4944
43-013-33769	UTE TRIBAL 1-14D-54	14-20-H62-5033
43-013-33279	UTE TRIBAL 1-14D-55	14-20-H62-5016
43-013-32664	UTE TRIBAL 11-5-54	14-20-H62-5516
43-013-32978	UTE TRIBAL 1-15-55	14-20-H62-5017
43-013-33128	UTE TRIBAL 1-16-54	14-20-H62-3413
43-013-30966	UTE TRIBAL 1-20	14-20-H62-3529
43-013-32414	UTE TRIBAL 1-20-55	14-20-H62-5018
43-013-32369	UTE TRIBAL 12-14-54	14-20-H62-5033

43-013-50476	UTE TRIBAL 12-14D-55	14-20-H62-4661
43-013-32205	UTE TRIBAL 12-15	14-20-H62-5017
43-013-32981	UTE TRIBAL 12-15-55	14-20-H62-3413
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43-013-32146	UTE TRIBAL 12-17	14-20-H62-5035
43-013-33077	UTE TRIBAL 12-18-54	14-20-H62-3528
43-013-32716	UTE TRIBAL 12-19-54	14-20-H62-3529
43-013-32866	UTE TRIBAL 12-20-54	14-20-H62-3414
43-013-32385	UTE TRIBAL 12-21-54	14-20-H62-4825
43-013-33694	UTE TRIBAL 12-21D-55	14-20-H62-4754
43-013-32616	UTE TRIBAL 12-22-55	14-20-H62-3443
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43-013-33134	UTE TRIBAL 12-24D-55	14-20-H62-4749
43-013-32769	UTE TRIBAL 12-25-55	14-20-H62-3537
43-013-33801	UTE TRIBAL 12-26D-54	14-20-H62-3444
43-013-34118	UTE TRIBAL 12-26D-55	14-20-H62-4740
43-013-32765	UTE TRIBAL 12-28-54	14-20-H62-5019
43-013-33645	UTE TRIBAL 12-28D-55	14-20-H62-5036
43-013-32572	UTE TRIBAL 12-29-54	14-20-H62-5020
43-013-33418	UTE TRIBAL 12-29D-55	14-20-H62-5020
43-013-33215	UTE TRIBAL 1-22D-54	14-20-H62-3415
43-013-33626	UTE TRIBAL 1-22D-55	14-20-H62-4754
43-013-33907	UTE TRIBAL 12-31D-54	14-20-H62-4946
43-013-32925	UTE TRIBAL 12-32-54	14-20-H62-4947
43-013-33266	UTE TRIBAL 12-32-55	14-20-H62-5026
43-013-33090	UTE TRIBAL 12-33-54	14-20-562-4948
43-013-32524	UTE TRIBAL 1-23-55	14-20-H62-3443
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43-013-32354	UTE TRIBAL 12-36-55	14-20-H62-4944
43-013-32259	UTE TRIBAL 1-24-55	14-20-H62-4749
43-013-31912	UTE TRIBAL 1-26	14-20-H62-3444
43-013-33680	UTE TRIBAL 1-26D-54	14-20-H62-4943
43-013-32416	UTE TRIBAL 1-27-55	14-20-H62-4753
43-013-31549	UTE TRIBAL 1-28	14-20-H62-4740
43-013-33784	UTE TRIBAL 1-28D-55	14-20-H62-5019
43-013-33184	UTE TRIBAL 12Q-25-55	14-20-H62-3537
43-013-32599	UTE TRIBAL 13-13-55	14-20-H62-4845
43-013-33364	UTE TRIBAL 13-14-54	14-20-H62-5033
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43-013-32526	UTE TRIBAL 1-31-54	14-20-H62-4946
43-013-32602	UTE TRIBAL 13-15-55	14-20-H62-5017
43-013-33039	UTE TRIBAL 13-15D-54	14-20-H662-4661
43-013-32511	UTE TRIBAL 13-16-54	14-20-H62-3413
43-013-31546	UTE TRIBAL 13-17	14-20-H62-4919
43-013-32571	UTE TRIBAL 13-18-54	14-20-H62-5032
43-013-31284	UTE TRIBAL 13-19	14-20-H62-3528
43-013-32206	UTE TRIBAL 13-20	14-20-H62-3529
43-013-32841	UTE TRIBAL 13-20-55	14-20-H62-5018
43-013-33113	UTE TRIBAL 13-21-54	14-20-H62-3414

43-013-31548	UTE TRIBAL 13-22	14-20-H62-3415
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43-013-32513	UTE TRIBAL 13-23-55	14-20-H62-3443
43-013-31910	UTE TRIBAL 13-24	14-20-H62-4749
43-013-32169	UTE TRIBAL 13-25	14-20-H62-3537
43-013-32891	UTE TRIBAL 13-26-54	14-20-H62-4954
43-013-34002	UTE TRIBAL 13-26D-55	14-20-H62-3444
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43-013-33646	UTE TRIBAL 13-28D-55	14-20-H62-5019
43-013-32564	UTE TRIBAL 13-29-54	14-20-H62-5032
43-013-33501	UTE TRIBAL 1-31-55	14-20-H62-5060
43-013-30872	UTE TRIBAL 1-32R	14-20-H62-4947
43-013-32185	UTE TRIBAL 1-33	14-20-H62-4948
43-013-32409	UTE TRIBAL 13-30-54	14-20-H62-4662
43-013-32688	UTE TRIBAL 13-31-54	14-20-H62-4946
43-013-32692	UTE TRIBAL 13-32-54	14-20-H62-4947
43-013-32742	UTE TRIBAL 13-33-54	14-20-H62-4948
43-013-32806	UTE TRIBAL 13-35-54	14-20-H62-5053
43-013-34117	UTE TRIBAL 13-35D-55	14-20-H62-4945
43-013-33624	UTE TRIBAL 13-36D-55	14-20-H62-4944
43-013-32186	UTE TRIBAL 1-34	14-20-H62-4955
43-013-50408	UTE TRIBAL 1-34D-55	14-20-H62-5028
43-013-32567	UTE TRIBAL 1-35-54	14-20-H62-5032
43-013-33967	UTE TRIBAL 1-35D-55	14-20-H62-4945
43-013-32760	UTE TRIBAL 1-36-55	14-20-H62-4944
43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
43-013-33112	UTE TRIBAL 14-14-54	14-20-H62-5033
43-013-32979	UTE TRIBAL 14-15-55	14-20-H62-5017
43-013-33123	UTE TRIBAL 14-16-54	14-20-H62-3413
43-013-32147	UTE TRIBAL 14-17	14-20-H62-4919
43-013-32984	UTE TRIBAL 14-18-55	14-20-H62-5057
43-013-32690	UTE TRIBAL 14-19-54	14-20-H62-3528
43-013-32702	UTE TRIBAL 14-20-54	14-20-H62-3529
43-013-32384	UTE TRIBAL 14-21-54	14-20-H62-3414
43-013-32593	UTE TRIBAL 14-22-54	14-20-H62-3415
43-013-33717	UTE TRIBAL 14-22D-55	14-20-H62-4754
43-013-33915	UTE TRIBAL 14-23D-55	14-20-H62-3443
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32988	UTE TRIBAL 14-24-56	14-20-H62-5064
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32776	UTE TRIBAL 14-25-54	14-20-H62-3440
43-013-32750	UTE TRIBAL 14-25-55	14-20-H62-3537
43-013-33673	UTE TRIBAL 14-26D-54	14-20-H62-4954
43-013-33361	UTE TRIBAL 14-26D-55	14-20-H62-3444
43-013-33684	UTE TRIBAL 14-27D-55	14-20-H62-4753
43-013-32348	UTE TRIBAL 14-28-55	14-20-H62-5019
43-013-33278	UTE TRIBAL 14-28D-54	14-20-H62-5036
43-013-33042	UTE TRIBAL 14-31D-54	14-20-H62-4946
43-013-32523	UTE TRIBAL 14-32-54	14-20-H62-4947

43-013-33093	UTE TRIBAL 14-33-54	14-20-H62-4949
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43-013-32355	UTE TRIBAL 14-36-55	14-20-H62-4944
43-013-33277	UTE TRIBAL 14Q-28-54	14-20-H62-4740
43-013-33479	UTE TRIBAL 14Q-30-54	14-20-H62-4662
43-013-33212	UTE TRIBAL 15-13D-55	14-20-H62-4845
43-013-32971	UTE TRIBAL 15-15-54	14-20-H62-4661
43-013-32855	UTE TRIBAL 15-15-55	14-20-H62-5017
43-013-31648	UTE TRIBAL 15-16	14-20-H62-3413
43-013-31649	UTE TRIBAL 15-17	14-20-H62-4731
43-013-32358	UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148	UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832	UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386	UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357	UTE TRIBAL 15-21-55	14-20-H62-3414
43-013-32617	UTE TRIBAL 15-22-55	14-20-H62-4754
43-013-34116	UTE TRIBAL 15-22D-54	14-20-H62-3415
43-013-31671	UTE TRIBAL 15-23	14-20-H62-3443
43-013-31129	UTE TRIBAL 15-24R	14-20-H62-4749
43-013-32271	UTE TRIBAL 15-25-55	14-20-H62-3537
43-013-33768	UTE TRIBAL 15-26D-54	14-20-H62-4954
43-013-33362	UTE TRIBAL 15-26D-55	14-20-H62-3444
43-013-32339	UTE TRIBAL 15-27-55	14-20-H62-4753
43-013-32389	UTE TRIBAL 15-28-54	14-20-H62-4740
43-013-32561	UTE TRIBAL 15-29-54	14-20-H62-5036
43-013-32382	UTE TRIBAL 15-30-54	14-20-H62-4662
43-013-32743	UTE TRIBAL 15-31-54	14-20-H62-4946
43-013-32666	UTE TRIBAL 15-32-54	14-20-H62-4947
43-013-32768	UTE TRIBAL 15-33-54	14-20-H62-4948
43-013-32804	UTE TRIBAL 15-35-54	14-20-H62-5053
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43-013-33327	UTE TRIBAL 16-13D-55	14-20-H62-4845
43-013-32272	UTE TRIBAL 16-14-55	14-20-H62-5016
43-013-32588	UTE TRIBAL 16-15-54	14-20-H62-4661
43-013-32757	UTE TRIBAL 16-16-55	14-20-H62-5024
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43-013-32842	UTE TRIBAL 16-22-54	14-20-H62-3415
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43-013-34042	UTE TRIBAL 16-26-54	14-20-H62-4954
43-013-33965	UTE TRIBAL 16-26D-55	14-20-H62-3444

43-013-33786	UTE TRIBAL 16-27D-55	14-20-H62-4753
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43-013-33076	UTE TRIBAL 16-29-54	14-20-H62-5036
43-013-32349	UTE TRIBAL 16-29-55	14-20-H62-5020
43-013-32665	UTE TRIBAL 16-3-54	14-20-H62-4778
43-013-32718	UTE TRIBAL 16-30-54	14-20-H62-4662
43-013-33326	UTE TRIBAL 16-31D-54	14-20-H62-4946
43-013-32926	UTE TRIBAL 16-32D-54	14-20-H62-4947
43-013-33091	UTE TRIBAL 16-33-54	14-20-H62-4948
43-013-32352	UTE TRIBAL 16-35-55	14-20-H62-4945
43-013-32356	UTE TRIBAL 16-36-55	14-20-H62-4944
43-013-33393	UTE TRIBAL 1A-29-54	14-20-H62-5036
43-013-33186	UTE TRIBAL 1I-36-55	14-20-H62-4944
43-013-33111	UTE TRIBAL 2-14-54	14-20-H962-5033
43-013-32140	UTE TRIBAL 2-19	14-20-H62-4919
43-013-32974	UTE TRIBAL 2-20-54	14-20-H62-3529
43-013-33117	UTE TRIBAL 2-21-55	14-20-H62-4825
43-013-32591	UTE TRIBAL 2-22-54	14-20-H62-3415
43-013-32604	UTE TRIBAL 2-22-55	14-20-H62-4754
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43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
43-013-33628	UTE TRIBAL 2-27D-55	14-20-H62-4753
43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
43-013-33714	UTE TRIBAL 2-29D-55	14-20-H62-5036
43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
43-013-32762	UTE TRIBAL 2-31-54	14-20-H62-4946
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43-013-32803	UTE TRIBAL 2-32-54	14-20-H62-4947
43-013-32350	UTE TRIBAL 2-32-55	14-20-H62-5026
43-013-32898	UTE TRIBAL 2-33D-54	14-20-H62-4948
43-013-32187	UTE TRIBAL 2-35	14-20-H62-4945
43-013-32422	UTE TRIBAL 2-36-55	14-20-H62-4944
43-013-32663	UTE TRIBAL 3-10-54	14-20-H62-5517
43-013-50478	UTE TRIBAL 3-14-55	14-20-H62-5016
43-013-50389	UTE TRIBAL 3-14D-54	14-20-H62-5033
43-013-31830	UTE TRIBAL 3-19	14-20-H62-3528
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43-013-32758	UTE TRIBAL 3-21-55	14-20-H62-4825
43-013-33208	UTE TRIBAL 3-22-54	14-20-H62-3415
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43-013-32536	UTE TRIBAL 3-23-55	14-20-H62-3443
43-013-30960	UTE TRIBAL 3-24R-55 (REENTRY)	14-20-H62-4749
43-013-31834	UTE TRIBAL 3-25	14-20-H62-3537

43-013-32993	UTE TRIBAL 3-25-56	14-20-H62-5065
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43-013-32527	UTE TRIBAL 3-31-54	14-20-H62-4946
43-013-32410	UTE TRIBAL 3-32-54	14-20-H62-4947
43-013-33363	UTE TRIBAL 3-32D-55	14-20-H62-5206
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43-013-33185	UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270	UTE TRIBAL 4-14D-54	14-20-H62-5033
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43-013-33549	UTE TRIBAL 4-20D-55	14-20-H62-5018
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43-013-33726	UTE TRIBAL 4-24D-55	14-20-H62-4749
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43-013-33595	UTE TRIBAL 4-26D-54	14-20-H62-4954
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43-013-32565	UTE TRIBAL 4-29-54	14-20-H62-5036
43-013-31550	UTE TRIBAL 4-30	14-20-H62-4662
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43-013-32188	UTE TRIBAL 4-36	14-20-H62-4944
43-013-31152	UTE TRIBAL 5-13	14-20-H62-4845
43-013-33075	UTE TRIBAL 5-13-54	14-20-H62-4894
43-013-33619	UTE TRIBAL 5-14-54	14-20-H62-5033
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43-013-32344	UTE TRIBAL 5-15-55	14-20-H62-5017
43-013-50475	UTE TRIBAL 5-16D-54	14-20-H62-3413
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43-013-31651	UTE TRIBAL 5-20	14-20-H62-4919
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43-013-33421	UTE TRIBAL 5-25D-55	14-20-H62-3537
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43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
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43-013-32421	UTE TRIBAL 8-32-55	14-20-H62-5026
43-013-33089	UTE TRIBAL 8-33-54	14-20-H62-4948
43-013-50436	UTE TRIBAL 8-34D-55	14-20-H62-5028
43-013-32267	UTE TRIBAL 8-35-55	14-20-H62-4945
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43-013-50853	UTE TRIBAL 8L-21D-54	14-20-H62-3141
43-013-33328	UTE TRIBAL 9-13D-55	14-20-H62-4845
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43-013-32566	UTE TRIBAL 9-29-54	14-20-H62-5036
43-013-32383	UTE TRIBAL 9-30-54	14-20-H62-4662
43-013-32529	UTE TRIBAL 9-31-54	14-20-H62-4946
43-013-33508	UTE TRIBAL 9-31-55	14-20-H62-5060
43-013-32538	UTE TRIBAL 9-32-54	14-20-H62-4947
43-013-32549	UTE TRIBAL 9-33-54	14-20-H62-4948
43-013-32781	UTE TRIBAL 9-35-54	14-20-H62-5053
43-013-33047	UTE TRIBAL 9-35-55	14-20-H62-4945
43-013-33239	UTE TRIBAL 9-36D-55	14-20-H62-4944
43-013-33276	UTE TRIBAL 9S-19-54	14-20-H62-3528
43-013-33245	UTE TRIBAL 9S-25-55	14-20-H62-3537
43-013-50997	Vieira Tribal 4-4-54	14-20-H62-5659
43-013-33122	WILCOX ELIASON 7-15-56	FEE
43-013-33150	WILCOX FEE 1-20-56	FEE
43-013-33151	WILCOX FEE 15-16-56	FEE
43-013-32550	WILLIAMSON TRIBAL 3-34-54	14-20-H62-4955
43-013-32551	WILLIAMSON TRIBAL 5-34-54	14-20-H62-4955
43-013-31311	Z and T UTE TRIBAL 12-22	14-20-H62-3415
43-013-31280	Z and T UTE TRIBAL 2-21	14-20-H62-3414
43-013-31282	Z and T UTE TRIBAL 7-19	14-20-H62-4919
43-013-31310	Z and T UTE TRIBAL 7-25	14-20-H62-3537

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H625500

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER: LC TRIBAL 12H-6-56

9. API NUMBER: 4301333606

1a. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☑ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY

3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY ROOSEVELT STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325

10. FIELD AND POOL, OR WILDCAT: LAKE CANYON

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: NESE 2022' FSL 750' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: NESE 2027' FSL 1234' FEL
AT TOTAL DEPTH: NWSW ~~4981' FSL 800' FWL~~ 1945 FSL 0806 FWL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 6 5S 6W U

12. COUNTY: DUCHESNE 13. STATE: UTAH

14. DATE SPUDDED: 5/20/2011 15. DATE T.D. REACHED: 12/10/2011 16. DATE COMPLETED: 1/11/2012 ABANDONED ☐ READY TO PRODUCE ☑ 17. ELEVATIONS (DF, RKB, RT, GL): 6462 GL

18. TOTAL DEPTH: MD 7,930 TVD 4519 19. PLUG BACK T.D.: MD 7,796 TVD 4516 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
ELECTRIC HV, CAL, TC, CPD, CDN, AISFE, CPD, CDN, AI, HVP, CAL, MUD LOG

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☑ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.25	9 5/8 K-55	36		1,001		G 480			
9 5/8	4.5 P110	11.6		7,925					
8 3/4	7 N80	26	1,009	7,933		G 360		1562	BY CBL
6 1/8	4.5 P110	11.6		4,865					

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	4,112							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) UTELAND BUTTE	4,990	7,719		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
			Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:
☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PUMPING

RECEIVED
FEB 13 2012
DIV. OF OIL, GAS & MINING

(5/2000) (CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
1/13/2012	1/30/2012	24		7	0	143	GAS PUMPI

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
	200	0								PRODUCIN(

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
GR (FAUSCH MARKER)	392
MAHOGANY	1,350
TGR3	2,426
DOUGLAS CREEK	3,218
BLACK SHALE	3,932
CASTLE PEAK	4,180
UTELAND	5,703
WASATCH	4,733

35. ADDITIONAL REMARKS (Include plugging procedure)

PLEASE SEE ATTACHMENTS FOR ADDITIONAL INFORMATION.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BROOKE KENNEDY TITLE REGULATORY ASSISTANT

SIGNATURE Brooke Kennedy DATE 1/30/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

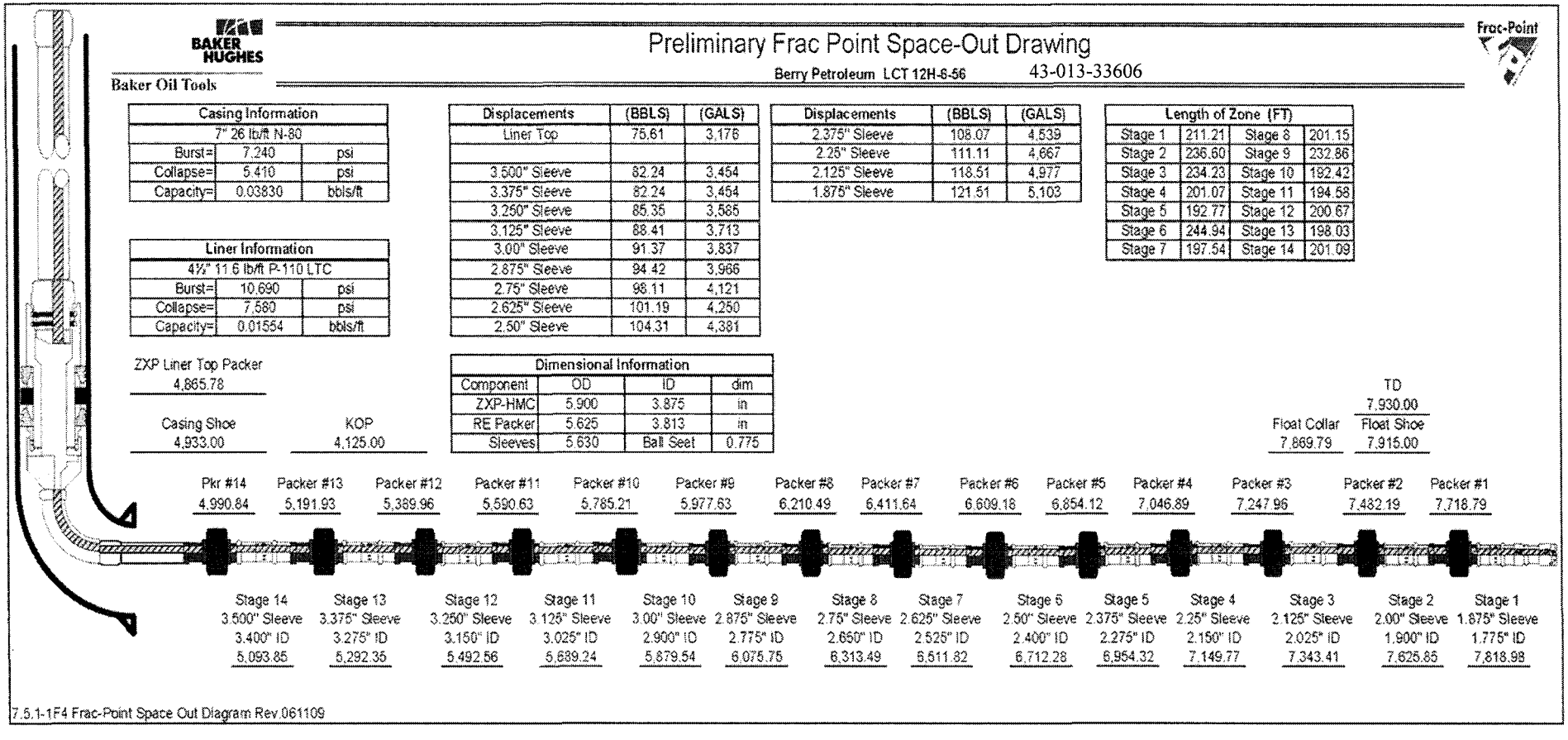
Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

Berry Petroleum
LC Tribal 12H-6-56
43-013-33606
Frac Stages

Stage 1: 7819 – Uteland Butte: Frac with 151,830 #'s sand & 2572 bbls fluid
Stage 2: 7626 – Uteland Butte: Frac with 151,550 #'s sand & 2278 bbls fluid
Stage 3: 7343 – Uteland Butte: Frac with 150,330 #'s sand & 2230 bbls fluid
Stage 4: 7150 – Uteland Butte: Frac with 147,410 #'s sand & 2091 bbls fluid
Stage 5: 6954 – Uteland Butte: Frac with 110,770 #'s sand & 2195 bbls fluid
Stage 6: 6712 – Uteland Butte: Frac with 150,930 #'s sand & 2445 bbls fluid
Stage 7: 6512 – Uteland Butte: Frac with 151,200 #'s sand & 2293 bbls fluid
Stage 8: 6313 – Uteland Butte: Frac with 150,000 #'s sand & 2293 bbls fluid
Stage 9: 6076 – Uteland Butte: Frac with 155,040 #'s sand & 2360 bbls fluid
Stage 10: 5880 – Uteland Butte: Frac with 151,240 #'s sand & 2234 bbls fluid
Stage 11: 5869 – Uteland Butte: Frac with 150,020 #'s sand & 2244 bbls fluid
Stage 12: 5493 – Uteland Butte: Frac with 155,100 #'s sand & 2210 bbls fluid
Stage 13: 5292 – Uteland Butte: Frac with 138,420 #'s sand & 2190 bbls fluid
Stage 14: 5094 – Uteland Butte: Frac with 138,420 #'s sand & 2262 bbls fluid



BAKER HUGHES

Baker Oil Tools

Preliminary Frac Point Space-Out Drawing

Berry Petroleum LCT 12H-6-56 43-013-33606

Frac-Point

Casing Information		
7" 26 lb/ft N-80		
Burst=	7,240	psi
Collapse=	5,410	psi
Capacity=	0.03830	bbls/ft

Liner Information		
4½" 11.6 lb/ft P-110 LTC		
Burst=	10,690	psi
Collapse=	7,580	psi
Capacity=	0.01554	bbls/ft

Displacements	(BBLS)	(GALS)
Liner Top	75.61	3,176
3.500" Sleeve	82.24	3,454
3.375" Sleeve	82.24	3,454
3.250" Sleeve	85.35	3,585
3.125" Sleeve	88.41	3,713
3.00" Sleeve	91.37	3,837
2.875" Sleeve	94.42	3,966
2.75" Sleeve	98.11	4,121
2.625" Sleeve	101.19	4,250
2.50" Sleeve	104.31	4,381

Displacements	(BBLS)	(GALS)
2.375" Sleeve	108.07	4,539
2.25" Sleeve	111.11	4,667
2.125" Sleeve	118.51	4,977
1.875" Sleeve	121.51	5,103

Length of Zone (FT)			
Stage 1	211.21	Stage 8	201.15
Stage 2	236.60	Stage 9	232.86
Stage 3	234.23	Stage 10	192.42
Stage 4	201.07	Stage 11	194.58
Stage 5	192.77	Stage 12	200.67
Stage 6	244.94	Stage 13	198.03
Stage 7	197.54	Stage 14	201.09

Dimensional Information			
Component	OD	ID	dim
ZXP-HMC	5.900	3.875	in
RE Packer	5.625	3.813	in
Sleeves	5.630	Ball Seat	0.775

ZXP Liner Top Packer: 4,865.78

Casing Shoe: 4,933.00

KOP: 4,125.00

Float Collar: 7,869.79

TD: 7,930.00

Float Shoe: 7,915.00

Pkr #14	Packer #13	Packer #12	Packer #11	Packer #10	Packer #9	Packer #8	Packer #7	Packer #6	Packer #5	Packer #4	Packer #3	Packer #2	Packer #1
4,990.84	5,191.93	5,389.96	5,590.63	5,785.21	5,977.63	6,210.49	6,411.64	6,609.18	6,854.12	7,046.89	7,247.96	7,482.19	7,718.79

Stage 14	Stage 13	Stage 12	Stage 11	Stage 10	Stage 9	Stage 8	Stage 7	Stage 6	Stage 5	Stage 4	Stage 3	Stage 2	Stage 1
3.500" Sleeve	3.375" Sleeve	3.250" Sleeve	3.125" Sleeve	3.00" Sleeve	2.875" Sleeve	2.75" Sleeve	2.625" Sleeve	2.50" Sleeve	2.375" Sleeve	2.25" Sleeve	2.125" Sleeve	2.00" Sleeve	1.875" Sleeve
3.400" ID	3.275" ID	3.150" ID	3.025" ID	2.900" ID	2.775" ID	2.650" ID	2.525" ID	2.400" ID	2.275" ID	2.150" ID	2.025" ID	1.900" ID	1.775" ID
5,093.85	5,292.35	5,492.56	5,689.24	5,879.54	6,075.75	6,313.49	6,511.82	6,712.28	6,954.32	7,149.77	7,343.41	7,625.85	7,818.98

7.5.1-1F4 Frac-Point Space Out Diagram Rev.061109

Archer

JOB NO.:	03328-432-22	Report Time:	2400	1 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, November 11, 2011 at 0000 to Friday, November 11, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	DARIN FOX
MWD Operator1	JARED CONVERSE
MWD Operator2	NATHAN DEROSE
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	GEORGE URBAN

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
11-Nov-11	00:00	24:00	24.00	0	0	Standby	STBY

Archer

JOB NO.:	03328-432-22	Report Time:	2400	2 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, November 12, 2011 at 0000 to Saturday, November 12, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA								
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	0.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

Drilling Parameters

Mud Data

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby

Archer

JOB NO.:	03328-432-22	Report Time:	2400	3 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Sunday, November 13, 2011 at 0000 to Sunday, November 13, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA								
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA								
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA								
Slide Hours:	0.00	Percent Rotary:	NA								
Below Rotary Hrs.	0.00	Percent Slide:	NA								

Drilling Parameters

Mud Data

Type				PV	0	SOLID	0		
Weight	0	GAS	0	YP	0	BHT°	0		
Viscosity	0	SAND	0	PH	0	Flow T°	0		
Chlorides	0	WL	0			Oil %	0		

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

BHA

N/A

Signature:

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby

Archer

JOB NO.:	03328-432-22	Report Time:	2400	4 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Monday, November 14, 2011 at 0000 to Monday, November 14, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	24.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0		0

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Nov-11	00:00	24:00	24.00	0	0	Other	Other(DRLG.SURFACE

Archer

JOB NO.:	03328-432-22	Report Time:	2400	5 of 23
Company:	Berry Petroleum CO.	API JOB #:	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#:		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Tuesday, November 15, 2011 at 0000 to Tuesday, November 15, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA								
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

Drilling Parameters

Mud Data

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Nov-11	00:00	24:00	24.00	0	0	Other	Other(surface)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	6 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Wednesday, November 16, 2011 at 0000 to Wednesday, November 16, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby

Archer

JOB NO.:	03328-432-22	Report Time:	2400	7 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Thursday, November 17, 2011 at 0000 to Thursday, November 17, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Nov-11	00:00	24:00	24.00	0	0	Standby	Standby

Archer

JOB NO.:	03328-432-22	Report Time:	2400	8 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, November 18, 2011 at 0000 to Friday, November 18, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	24.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

BHA

N/A

Signature:

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	9 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, November 19, 2011 at 0000 to Saturday, November 19, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA								
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	NA	Chlorides	0	WL	0			Oil %	0

Drilling Parameters

Mud Data

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	10 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Sunday, November 20, 2011 at 0000 to Sunday, November 20, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA								
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA								
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA								
Slide Hours:	0.00	Percent Rotary:	NA								
Below Rotary Hrs.	24.00	Percent Slide:	NA								

Drilling Parameters

Mud Data

Type				PV	0	SOLID	0		
Weight	0	GAS	0	YP	0	BHT°	0		
Viscosity	0	SAND	0	PH	0	Flow T°	0		
Chlorides	0	WL	0			Oil %	0		

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	KIM GRITZ

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	11 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Monday, November 21, 2011 at 0000 to Monday, November 21, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	24.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0	0	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Nov-11	00:00	24:00	24.00	0	0	Other	Other(PILOT HOLE)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	12 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Tuesday, November 22, 2011 at 0000 to Tuesday, November 22, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	24.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0		0

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Nov-11	00:00	24:00	24.00	0	0	Other	Other(LOGGING & CEMENTING)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	13 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Wednesday, November 23, 2011 at 0000 to Wednesday, November 23, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	0.00	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0		0

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	GREAT WHITE
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

N/A

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Nov-11	00:00	24:00	24.00	0	0	Standby	Cement/logging etc

Archer

JOB NO.:	03328-432-22	Report Time:	2400	14 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Thursday, November 24, 2011 at 0000 to Thursday, November 24, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	0.75
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	18.75	Percent Slide:	NA

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	0	FlowRate	0 - 0		0

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 1:Bit fdx55m, Motor 7/8 5.7, TC - nmdc, Gap sub, NMDC, X/O XH/st39, DP 10std's 20jts, HWDP 25std's 50jts, DP 47 jts 23 + 1 std's, , ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Nov-11	00:00	06:00	6.00	3851	3851	Standby	drlg cement
24-Nov-11	06:00	13:00	7.00	3851	3851	Other	Other(drlg cement)
24-Nov-11	13:00	19:45	6.75	3851	3851	POOH	POOH strap out
24-Nov-11	19:00	19:45	0.75	3851	3851	Change BHA	Change BHA
24-Nov-11	19:45	20:30	0.75	3851	3851	MWD Survey	P/U MWD, program, shallow hole test, DCO
24-Nov-11	20:30	24:00	3.50	3851	3851	TIH	TIH

Archer

JOB NO.:	03328-432-22	Report Time:	2400	15 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, November 25, 2011 at 0000 to Friday, November 25, 2011 at 2400

DRILLING SUMMARY

Start Depth	3851.00	Rotary Hours	3.08
End Depth	4389.00	Circulating Hours	0.17
Total Drilled:	538.00	Avg. Total ROP:	40.35
Total Rotary Drilled:	225.00	Avg. Rotary ROP:	72.97
Total Drilled Sliding:	313.00	Avg. Slide ROP:	30.54
Slide Hours:	10.25	Percent Rotary:	41.82
Below Rotary Hrs.	24.00	Percent Slide:	58.18

Drilling Parameters

WOB	0	Pick UP	0	Slack Off	0	SPM	
RAB	0	SPP	1800	FlowRate	0 - 400	120	

Mud Data

Type				PV	0	SOLID	0
Weight	0	GAS	0	YP	0	BHT°	0
Viscosity	0	SAND	0	PH	0	Flow T°	0
Chlorides	0	WL	0			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 1:Bit fdx55m, Motor 7/8 5.7, TC - nmdc, Gap sub, NMDC, X/O XH/st39, DP 10std's 20jts, HWDP 25std's 50jts, DP 47 jts 23 + 1 std's, , ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Nov-11	00:00	01:40	1.67	3851	3851	Other	Other(T.I.H.)
25-Nov-11	01:40	01:45	0.08	3851	3851	Other	Other(CHECK SHOT)
25-Nov-11	01:45	02:10	0.42	3851	3885	Drilling	Other
25-Nov-11	02:10	03:15	1.08	3885	3910	Sliding	SLIDING
25-Nov-11	03:15	10:45	7.50	3910	3910	Other	Other(H2S ALARM)
25-Nov-11	10:45	11:20	0.58	3910	3949	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
25-Nov-11	11:20	11:55	0.58	3949	3982	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
25-Nov-11	11:55	12:00	0.08	3982	3982	Survey & Conn.	Survey & Conn.
25-Nov-11	12:00	13:10	1.17	3982	4078	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
25-Nov-11	13:10	13:15	0.08	4078	4078	Survey & Conn.	Survey & Conn.
25-Nov-11	13:15	14:15	1.00	4078	4092	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)
25-Nov-11	14:15	14:25	0.17	4092	4110	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
25-Nov-11	14:25	14:30	0.08	4110	4110	MWD Survey	MWD Survey
25-Nov-11	14:30	14:45	0.25	4110	4110	Other	Other(CONNECTION)
25-Nov-11	14:45	15:55	1.17	4110	4143	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)
25-Nov-11	15:55	16:00	0.08	4143	4143	MWD Survey	MWD Survey
25-Nov-11	16:00	16:05	0.08	4143	4143	Other	Other(CONNECTION)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Nov-11	16:05	16:50	0.75	4143	4176	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)
25-Nov-11	16:50	16:55	0.08	4176	4176	Survey & Conn.	Survey & Conn.
25-Nov-11	16:55	17:40	0.75	4176	4203	Sliding	Sliding - (WOB:0;GPM :400;TFO:270)
25-Nov-11	17:40	17:50	0.17	4203	4208	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
25-Nov-11	17:50	17:55	0.08	4208	4208	Survey & Conn.	Survey & Conn.
25-Nov-11	17:55	18:45	0.83	4208	4240	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
25-Nov-11	18:45	19:00	0.25	4240	4240	Survey & Conn.	Survey & Conn.
25-Nov-11	19:00	19:55	0.92	4240	4273	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
25-Nov-11	19:55	20:00	0.08	4273	4273	Survey & Conn.	Survey & Conn.
25-Nov-11	20:00	21:00	1.00	4273	4305	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
25-Nov-11	21:00	21:05	0.08	4305	4305	Survey & Conn.	Survey & Conn.
25-Nov-11	21:05	22:05	1.00	4305	4338	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
25-Nov-11	22:05	22:10	0.08	4338	4338	Survey & Conn.	Survey & Conn.
25-Nov-11	22:10	23:15	1.08	4338	4370	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
25-Nov-11	23:15	23:20	0.08	4370	4370	Survey & Conn.	Survey & Conn.
25-Nov-11	23:20	24:00	0.67	4370	4389	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	16 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, November 26, 2011 at 0000 to Saturday, November 26, 2011 at 2400

DRILLING SUMMARY

Start Depth	4389.00	Rotary Hours	2.58
End Depth	4951.00	Circulating Hours	0.83
Total Drilled:	562.00	Avg. Total ROP:	30.24
Total Rotary Drilled:	107.00	Avg. Rotary ROP:	41.42
Total Drilled Sliding:	455.00	Avg. Slide ROP:	28.44
Slide Hours:	16.00	Percent Rotary:	19.04
Below Rotary Hrs.	21.83	Percent Slide:	80.96

Drilling Parameters

WOB	15	Pick UP	111000	Slack Off	98000	SPM	
RAB	103000	SPP	2400	FlowRate	400 - 480	160	

Mud Data

Type	dap			PV	23	SOLID	6.4
Weight	9.3	GAS	0	YP	14	BHT°	117.5
Viscosity	51	SAND	0.5	PH	11	Flow T°	104
Chlorides	1000	WL	10			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 1:Bit fdx55m, Motor 7/8 5.7, TC - nmdc, Gap sub, NMDC, X/O XH/st39, DP 10std's 20jts, HWDP 25std's 50jts, DP 47 jts 23 + 1 std's, , ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Nov-11	00:00	00:30	0.50	4389	4403	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)
26-Nov-11	00:30	00:35	0.08	4403	4403	Survey & Conn.	Survey & Conn.
26-Nov-11	00:35	01:20	0.75	4403	4436	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)
26-Nov-11	01:20	01:25	0.08	4436	4436	Survey & Conn.	Survey & Conn.
26-Nov-11	01:25	02:25	1.00	4436	4468	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)
26-Nov-11	02:25	02:30	0.08	4468	4468	Survey & Conn.	Survey & Conn.
26-Nov-11	02:30	03:10	0.67	4468	4500	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)
26-Nov-11	03:10	03:15	0.08	4500	4500	Survey & Conn.	Survey & Conn.
26-Nov-11	03:15	04:10	0.92	4500	4533	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)
26-Nov-11	04:10	04:15	0.08	4533	4533	Survey & Conn.	Survey & Conn.
26-Nov-11	04:15	05:00	0.75	4533	4560	Sliding	Sliding - (WOB:0;GPM :400;TFO:-20)
26-Nov-11	05:00	05:05	0.08	4560	4560	Survey & Conn.	Survey & Conn.
26-Nov-11	05:05	05:45	0.67	4560	4588	Sliding	Sliding - (WOB:0;GPM :400;TFO:0)
26-Nov-11	05:45	05:55	0.17	4588	4596	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	05:55	06:00	0.08	4596	4596	Survey & Conn.	Survey & Conn.
26-Nov-11	06:00	06:30	0.50	4596	4621	Sliding	Sliding - (WOB:0;GPM :400;TFO:0)
26-Nov-11	06:30	06:40	0.17	4621	4629	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Nov-11	06:40	06:45	0.08	4629	4629	Survey & Conn.	Survey & Conn.
26-Nov-11	06:45	07:40	0.92	4629	4654	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
26-Nov-11	07:40	07:50	0.17	4654	4661	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	07:50	07:55	0.08	4661	4661	Survey & Conn.	Survey & Conn.
26-Nov-11	07:55	10:00	2.08	4661	4688	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
26-Nov-11	10:00	10:10	0.17	4688	4693	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	10:10	10:15	0.08	4693	4693	Survey & Conn.	Survey & Conn.
26-Nov-11	10:15	10:40	0.42	4693	4693	Rig Service-Inhole	Rig Service-Inhole
26-Nov-11	10:40	12:20	1.67	4693	4723	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
26-Nov-11	12:20	12:25	0.08	4723	4726	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	12:25	12:50	0.42	4726	4726	Circulating	Circulating
26-Nov-11	12:50	12:55	0.08	4726	4726	Survey & Conn.	Survey & Conn.
26-Nov-11	12:55	13:40	0.75	4726	4758	Sliding	Sliding - (WOB:0;GPM :400;TFO:10)
26-Nov-11	13:40	13:50	0.17	4758	4758	Survey & Conn.	Survey & Conn.
26-Nov-11	13:50	14:05	0.25	4758	4767	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	14:05	14:35	0.50	4767	4785	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
26-Nov-11	14:35	14:50	0.25	4785	4791	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	14:50	15:00	0.17	4791	4791	Survey & Conn.	Survey & Conn.
26-Nov-11	15:00	15:30	0.50	4791	4806	Sliding	Sliding - (WOB:0;GPM :400;TFO:-10)
26-Nov-11	15:30	16:05	0.58	4806	4823	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	16:05	16:15	0.17	4823	4823	Survey & Conn.	Survey & Conn.
26-Nov-11	16:15	16:40	0.42	4823	4833	Sliding	Sliding - (WOB:20;GPM :480;TFO:-10)
26-Nov-11	16:40	16:55	0.25	4833	4855	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
26-Nov-11	16:55	17:05	0.17	4855	4855	Survey & Conn.	Survey & Conn.
26-Nov-11	17:05	17:55	0.83	4855	4870	Sliding	Sliding - (WOB:20;GPM :480;TFO:-10)
26-Nov-11	17:55	18:15	0.33	4870	4887	Drilling	Drilling - (WOB:15; :400;RPM:60)
26-Nov-11	18:15	18:20	0.08	4887	4887	Survey & Conn.	Survey & Conn.
26-Nov-11	18:20	19:25	1.08	4887	4919	Sliding	Sliding - (WOB:20; :480;TFO:360)
26-Nov-11	19:25	19:35	0.17	4919	4919	Survey & Conn.	Survey & Conn.
26-Nov-11	19:35	21:05	1.50	4919	4946	Sliding	Sliding - (WOB:20; :480;TFO:360)
26-Nov-11	21:05	21:15	0.17	4946	4951	Drilling	Drilling - (WOB:15; :400;RPM:60)
26-Nov-11	21:15	21:20	0.08	4951	4951	Survey & Conn.	Survey & Conn.
26-Nov-11	23:30	24:00	0.50	4951	4951	Short Trip	15 std's

Archer

JOB NO.:	03328-432-22	Report Time:	2400	17 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Sunday, November 27, 2011 at 0000 to Sunday, November 27, 2011 at 2400

DRILLING SUMMARY

Start Depth	0.00	Rotary Hours	0.00
End Depth	0.00	Circulating Hours	1.00
Total Drilled:	0.00	Avg. Total ROP:	NA
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	NA
Below Rotary Hrs.	24.00	Percent Slide:	NA

Drilling Parameters

WOB	15	Pick UP	111000	Slack Off	98000	SPM	
RAB	103000	SPP	2400	FlowRate	400 - 400		160

Mud Data

Type	dap			PV	22	SOLID	7
Weight	9.35	GAS	0	YP	10	BHT°	117.5
Viscosity	49	SAND	0.35	PH	11	Flow T°	104
Chlorides	950	WL	9.2			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 1:Bit fdx55m, Motor 7/8 5.7, TC - nmdc, Gap sub, NMDC, X/O XH/st39, DP 10std's 20jts, HWDP 25std's 50jts, DP 47 jts 23 + 1 std's, , ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Nov-11	00:00	00:15	0.25	4951	4951	Short Trip	Short Trip
27-Nov-11	00:15	01:15	1.00	4951	4951	Circulating	Circ. prep for TOH
27-Nov-11	01:15	06:00	4.75	4951	4951	POOH	POOH to run casing curve completed
27-Nov-11	06:00	07:15	1.25	4951	4951	Other	Other(l/down bha)
27-Nov-11	07:15	18:00	10.75	4951	4951	Other	Other(casing)
27-Nov-11	18:00	24:00	6.00	4951	4951	Other	Cementing

Archer

JOB NO.:	03328-432-22	Report Time:	2400	18 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Monday, November 28, 2011 at 0000 to Monday, November 28, 2011 at 2400

DRILLING SUMMARY

Start Depth	5007.00	Rotary Hours	3.00
End Depth	5068.00	Circulating Hours	2.33
Total Drilled:	61.00	Avg. Total ROP:	20.33
Total Rotary Drilled:	61.00	Avg. Rotary ROP:	20.33
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA
Slide Hours:	0.00	Percent Rotary:	100.00
Below Rotary Hrs.	23.00	Percent Slide:	.00

Drilling Parameters

WOB	15	Pick UP	111000	Slack Off	98000	SPM	
RAB	103000	SPP	1500	FlowRate	220 - 400		80

Mud Data

Type	dap			PV	22	SOLID	7
Weight	9.35	GAS	0	YP	10	BHT°	117.5
Viscosity	49	SAND	0.35	PH	11	Flow T°	104
Chlorides	950	WL	9.2			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

BHA

BHA # 3:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC, Gap Sub, NMDC, x/o, DP - 108 jts 54 std's, HWDP - 50 jts 25 std's, ,

Signature:

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Nov-11	00:00	01:00	1.00	4951	4951	Standby	Standby
28-Nov-11	01:00	01:45	0.75	4951	4951	Change BHA	P/U Dir Tools
28-Nov-11	01:45	02:45	1.00	4951	4951	MWD Survey	P/U MWD, program, test, DCO
28-Nov-11	02:45	09:30	6.75	4951	4951	TIH	TIH
28-Nov-11	09:30	13:00	3.50	4951	5007	Other	Other(drlg. cement)
28-Nov-11	13:00	15:05	2.08	5007	5038	Drilling	Drilling - (WOB:15;GPM :400;RPM:60)
28-Nov-11	15:05	15:10	0.08	5038	5038	Other	Other
28-Nov-11	15:10	16:05	0.92	5038	5068	Drilling	Drilling - (WOB:15;GPM :220;RPM:60)
28-Nov-11	16:05	16:10	0.08	5068	5068	Survey & Conn.	Survey & Conn.
28-Nov-11	16:10	16:30	0.33	5068	5068	Circulating	Circulating
28-Nov-11	16:30	20:30	4.00	5068	5068	POOH	MWD gama not working, ROP was slow
28-Nov-11	20:30	22:30	2.00	5068	5068	Change BHA	Swap out motor, Gap sub, and MWD
28-Nov-11	22:30	23:30	1.00	5068	5068	MWD Survey	P/U MWD, program, test, DCO
28-Nov-11	23:30	24:00	0.50	5068	5068	TIH	TIH

Archer

JOB NO.:	03328-432-22	Report Time:	2400	19 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Tuesday, November 29, 2011 at 0000 to Tuesday, November 29, 2011 at 2400

DRILLING SUMMARY

Start Depth	5068.00	Rotary Hours	11.08
End Depth	5703.00	Circulating Hours	1.25
Total Drilled:	635.00	Avg. Total ROP:	36.81
Total Rotary Drilled:	533.00	Avg. Rotary ROP:	48.09
Total Drilled Sliding:	102.00	Avg. Slide ROP:	16.54
Slide Hours:	6.17	Percent Rotary:	83.94
Below Rotary Hrs.	24.00	Percent Slide:	16.06

Drilling Parameters

WOB	24	Pick UP	109000	Slack Off	95000	SPM	
RAB	99000	SPP	1100	FlowRate	200 - 220		80

Mud Data

Type	gel/chem			PV	5	SOLID	2
Weight	8.65	GAS	0	YP	4	BHT°	117.5
Viscosity	34	SAND	0.1	PH	10.6	Flow T°	73
Chlorides	1350	WL	13.2			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 3:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC, Gap Sub, NMDC, x/o, DP - 108 jts 54 std's, HWDP - 50 jts 25 std's, ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Nov-11	00:00	03:45	3.75	5068	5068	TIH	TIH
29-Nov-11	03:45	04:30	0.75	5068	5068	MWD Survey	Relog gamma
29-Nov-11	04:30	06:00	1.50	5068	5094	Drilling	Drilling - (WOB:15;GPM :220;RPM:60)
29-Nov-11	06:00	06:05	0.08	5094	5094	Survey & Conn.	Survey & Conn.
29-Nov-11	06:05	06:45	0.67	5094	5106	Sliding	Sliding - (WOB:20;GPM :480;TFO:360)
29-Nov-11	06:45	07:05	0.33	5106	5126	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	07:05	07:10	0.08	5126	5126	Survey & Conn.	Survey & Conn.
29-Nov-11	07:10	07:55	0.75	5126	5156	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	07:55	08:00	0.08	5156	5156	Survey & Conn.	Survey & Conn.
29-Nov-11	08:00	08:45	0.75	5156	5188	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	08:45	08:50	0.08	5188	5188	Survey & Conn.	Survey & Conn.
29-Nov-11	08:50	09:35	0.75	5188	5198	Sliding	Sliding - (WOB:18; :200;TFO:140)
29-Nov-11	09:35	09:55	0.33	5198	5218	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	09:55	10:00	0.08	5218	5218	Survey & Conn.	Survey & Conn.
29-Nov-11	10:00	10:25	0.42	5218	5251	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	10:25	10:30	0.08	5251	5251	Survey & Conn.	Survey & Conn.
29-Nov-11	10:30	11:05	0.58	5251	5283	Drilling	Drilling - (WOB:15; :220;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Nov-11	11:05	11:10	0.08	5283	5283	Survey & Conn.	Survey & Conn.
29-Nov-11	11:10	11:45	0.58	5283	5291	Sliding	Sliding - (WOB:18; :200;TFO:10)
29-Nov-11	11:45	12:05	0.33	5291	5315	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	12:05	12:10	0.08	5315	5315	Survey & Conn.	Survey & Conn.
29-Nov-11	12:10	12:35	0.42	5315	5348	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	12:35	12:40	0.08	5348	5348	Survey & Conn.	Survey & Conn.
29-Nov-11	12:40	13:00	0.33	5348	5354	Sliding	Sliding - (WOB:18; :200;TFO:180)
29-Nov-11	13:00	13:30	0.50	5354	5381	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	13:30	13:35	0.08	5381	5381	Survey & Conn.	Survey & Conn.
29-Nov-11	13:35	13:45	0.17	5381	5387	Sliding	Sliding - (WOB:18; :200;TFO:0)
29-Nov-11	13:45	14:15	0.50	5387	5413	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	14:15	14:25	0.17	5413	5413	Survey & Conn.	Survey & Conn.
29-Nov-11	14:25	15:10	0.75	5413	5445	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	15:10	15:15	0.08	5445	5445	Survey & Conn.	Survey & Conn.
29-Nov-11	15:15	15:35	0.33	5445	5450	Sliding	Sliding - (WOB:18; :200;TFO:0)
29-Nov-11	15:35	16:05	0.50	5450	5477	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	16:05	16:10	0.08	5477	5477	Survey & Conn.	Survey & Conn.
29-Nov-11	16:10	16:45	0.58	5477	5509	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	16:45	16:50	0.08	5509	5509	Survey & Conn.	Survey & Conn.
29-Nov-11	16:50	17:15	0.42	5509	5517	Sliding	Sliding - (WOB:18; :200;TFO:175)
29-Nov-11	17:15	17:40	0.42	5517	5541	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	17:40	17:45	0.08	5541	5541	Survey & Conn.	Survey & Conn.
29-Nov-11	17:45	18:15	0.50	5541	5541	Rig Service-Inhole	Rig Service-Inhole
29-Nov-11	18:15	19:00	0.75	5541	5557	Sliding	Sliding - (WOB:18; :200;TFO:65)
29-Nov-11	19:00	19:15	0.25	5557	5578	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	19:15	19:25	0.17	5578	5578	Survey & Conn.	Survey & Conn.
29-Nov-11	19:25	19:55	0.50	5578	5581	Sliding	Sliding - (WOB:18; :200;TFO:45)
29-Nov-11	19:55	20:25	0.50	5581	5606	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	20:25	20:30	0.08	5606	5606	Survey & Conn.	Survey & Conn.
29-Nov-11	20:30	21:00	0.50	5606	5616	Sliding	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	21:00	21:35	0.58	5616	5637	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	21:35	21:40	0.08	5637	5637	Survey & Conn.	Survey & Conn.
29-Nov-11	21:40	22:20	0.67	5637	5649	Sliding	Sliding - (WOB:15; :220;TFO:85)
29-Nov-11	22:20	22:55	0.58	5649	5670	Drilling	Drilling - (WOB:15; :220;RPM:60)
29-Nov-11	22:55	23:00	0.08	5670	5670	Survey & Conn.	Survey & Conn.
29-Nov-11	23:00	23:30	0.50	5670	5676	Sliding	Sliding - (WOB:15; :220;TFO:90)
29-Nov-11	23:30	24:00	0.50	5676	5703	Drilling	Drilling - (WOB:15; :220;RPM:60)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	20 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Wednesday, November 30, 2011 at 0000 to Wednesday, November 30, 2011 at 2400

DRILLING SUMMARY

Start Depth	5703.00	Rotary Hours	12.83
End Depth	6497.00	Circulating Hours	0.50
Total Drilled:	789.00	Avg. Total ROP:	36.98
Total Rotary Drilled:	620.00	Avg. Rotary ROP:	48.31
Total Drilled Sliding:	169.00	Avg. Slide ROP:	19.88
Slide Hours:	8.50	Percent Rotary:	78.58
Below Rotary Hrs.	24.00	Percent Slide:	21.42

Drilling Parameters

WOB	21	Pick UP	109000	Slack Off	95000	SPM	
RAB	99000	SPP	1100	FlowRate	220 - 220		110

Mud Data

Type	gel/chem			PV	17	SOLID	6.8
Weight	9.3	GAS	0	YP	10	BHT°	125
Viscosity	45	SAND	0.35	PH	9.6	Flow T°	96
Chlorides	1250	WL	6.8			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 3:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC, Gap Sub, NMDC, x/o, DP - 108 jts 54 std's, HWDP - 50 jts 25 std's, ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Nov-11	00:00	00:10	0.17	5703	5703	Survey & Conn.	Survey & Conn.
30-Nov-11	00:10	01:00	0.83	5703	5715	Sliding	Sliding - (WOB:15;GPM :220;TFO:165)
30-Nov-11	01:00	01:25	0.42	5715	5735	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	01:25	01:30	0.08	5735	5735	Survey & Conn.	Survey & Conn.
30-Nov-11	01:30	02:00	0.50	5735	5747	Sliding	Sliding - (WOB:15;GPM :220;TFO:130)
30-Nov-11	02:00	02:15	0.25	5747	5768	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	02:15	02:20	0.08	5768	5768	Survey & Conn.	Survey & Conn.
30-Nov-11	02:20	02:50	0.50	5768	5781	Sliding	Sliding - (WOB:15;GPM :220;TFO:170)
30-Nov-11	02:50	03:15	0.42	5781	5800	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	03:15	03:20	0.08	5800	5800	Survey & Conn.	Survey & Conn.
30-Nov-11	03:20	03:55	0.58	5800	5813	Sliding	Sliding - (WOB:15;GPM :220;TFO:180)
30-Nov-11	03:55	04:15	0.33	5813	5833	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	04:15	04:20	0.08	5833	5833	Survey & Conn.	Survey & Conn.
30-Nov-11	04:20	05:00	0.67	5833	5865	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	05:00	05:05	0.08	5865	5865	Survey & Conn.	Survey & Conn.
30-Nov-11	05:05	05:25	0.33	5865	5873	Sliding	Sliding - (WOB:15;GPM :220;TFO:180)
30-Nov-11	05:25	05:45	0.33	5873	5897	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Nov-11	05:45	05:50	0.08	5897	5897	Survey & Conn.	Survey & Conn.
30-Nov-11	05:50	06:30	0.67	5897	5905	Sliding	Sliding - (WOB:15;GPM :220;TFO:360)
30-Nov-11	06:30	07:00	0.50	5905	5930	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	07:00	07:05	0.08	5930	5930	Survey & Conn.	Survey & Conn.
30-Nov-11	07:05	07:45	0.67	5930	5935	Sliding	Sliding - (WOB:15;GPM :220;TFO:-10)
30-Nov-11	07:45	08:40	0.92	5935	5962	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	08:40	08:45	0.08	5962	5962	Survey & Conn.	Survey & Conn.
30-Nov-11	08:45	09:40	0.92	5962	5994	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	09:40	09:45	0.08	5994	5994	Survey & Conn.	Survey & Conn.
30-Nov-11	09:45	10:20	0.58	5994	6000	Sliding	Sliding - (WOB:15;GPM :220;TFO:-10)
30-Nov-11	10:20	10:55	0.58	6000	6026	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	10:55	11:00	0.08	6026	6026	Survey & Conn.	Survey & Conn.
30-Nov-11	11:00	11:20	0.33	6026	6031	Sliding	Sliding - (WOB:15;GPM :220;TFO:180)
30-Nov-11	11:20	11:45	0.42	6031	6057	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	11:45	11:50	0.08	6057	6057	Survey & Conn.	Survey & Conn.
30-Nov-11	11:50	12:05	0.25	6057	6061	Sliding	Sliding - (WOB:20;GPM :220;TFO:180)
30-Nov-11	12:05	12:40	0.58	6061	6090	Drilling	Drilling - (WOB:24;GPM :220;RPM:60)
30-Nov-11	12:40	12:45	0.08	6090	6090	Survey & Conn.	Survey & Conn.
30-Nov-11	12:45	13:00	0.25	6090	6095	Sliding	Sliding - (WOB:20;GPM :220;TFO:-60)
30-Nov-11	13:00	13:40	0.67	6095	6122	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	13:40	13:45	0.08	6122	6122	Survey & Conn.	Survey & Conn.
30-Nov-11	13:45	14:05	0.33	6122	6130	Sliding	Sliding - (WOB:20;GPM :220;TFO:-160)
30-Nov-11	14:05	14:45	0.67	6130	6154	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	14:45	14:50	0.08	6154	6154	Survey & Conn.	Survey & Conn.
30-Nov-11	14:50	15:25	0.58	6154	6164	Sliding	Sliding - (WOB:20;GPM :220;TFO:-170)
30-Nov-11	15:25	15:55	0.50	6164	6186	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	15:55	16:00	0.08	6186	6186	Survey & Conn.	Survey & Conn.
30-Nov-11	16:00	16:30	0.50	6186	6186	Rig Service-Inhole	Rig Service-Inhole
30-Nov-11	16:30	17:00	0.50	6186	6194	Sliding	Sliding - (WOB:20;GPM :220;TFO:-170)
30-Nov-11	17:00	17:20	0.33	6194	6219	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	17:20	17:25	0.08	6219	6219	Survey & Conn.	Survey & Conn.
30-Nov-11	17:25	17:40	0.25	6219	6224	Sliding	Sliding - (WOB:20;GPM :220;TFO:360)
30-Nov-11	17:40	18:30	0.83	6224	6249	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	18:30	18:35	0.08	6249	6249	Survey & Conn.	Survey & Conn.
30-Nov-11	18:35	19:10	0.58	6249	6282	Drilling	Drilling - (WOB:24;GPM :220;RPM:50)
30-Nov-11	19:10	19:15	0.08	6282	6282	Survey & Conn.	Survey & Conn.
30-Nov-11	19:15	19:55	0.67	6282	6314	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	19:55	20:00	0.08	6314	6314	Survey & Conn.	Survey & Conn.
30-Nov-11	20:00	20:20	0.33	6314	6323	Sliding	Sliding - (WOB:20;GPM :220;TFO:360)
30-Nov-11	20:20	20:45	0.42	6323	6346	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	20:45	20:50	0.08	6346	6346	Survey & Conn.	Survey & Conn.
30-Nov-11	20:50	21:00	0.17	6346	6351	Sliding	Sliding - (WOB:0;GPM :220;TFO:180)
30-Nov-11	21:00	21:25	0.42	6351	6379	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	21:25	21:30	0.08	6379	6379	Survey & Conn.	Survey & Conn.
30-Nov-11	21:30	21:55	0.42	6379	6411	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	21:55	22:00	0.08	6411	6411	Survey & Conn.	Survey & Conn.
30-Nov-11	22:00	22:30	0.50	6411	6443	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	22:30	22:35	0.08	6443	6443	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Nov-11	22:35	22:55	0.33	6443	6455	Sliding	Sliding - (WOB:0;GPM :220;TFO:180)
30-Nov-11	22:55	23:15	0.33	6455	6476	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
30-Nov-11	23:15	23:20	0.08	6476	6476	Survey & Conn.	Survey & Conn.
30-Nov-11	23:20	23:50	0.50	6476	6497	Sliding	Sliding - (WOB:0;GPM :220;TFO:-160)
30-Nov-11	23:50	24:00	0.17	6497	6492	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	21 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Thursday, December 01, 2011 at 0000 to Thursday, December 01, 2011 at 2400

DRILLING SUMMARY

Start Depth	6492.00	Rotary Hours	5.08
End Depth	6837.00	Circulating Hours	1.58
Total Drilled:	345.00	Avg. Total ROP:	45.49
Total Rotary Drilled:	301.00	Avg. Rotary ROP:	59.21
Total Drilled Sliding:	44.00	Avg. Slide ROP:	17.60
Slide Hours:	2.50	Percent Rotary:	87.25
Below Rotary Hrs.	24.00	Percent Slide:	12.75

Drilling Parameters

WOB	22	Pick UP	109000	Slack Off	95000	SPM	
RAB	99000	SPP	1100	FlowRate	220 - 220		96

Mud Data

Type	gel/chem			PV	15	SOLID	5.8
Weight	9	GAS	0	YP	10	BHT°	125
Viscosity	42	SAND	0.25	PH	9.6	Flow T°	96
Chlorides	1300	WL	7.6			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 4:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC, Gap Sub, NMDC, x/o, DP - 108 jts 54 std's, HWDP - 50 jts 25 std's, ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Dec-11	00:00	00:10	0.17	6492	6508	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
1-Dec-11	00:10	00:25	0.25	6508	6508	Survey & Conn.	Survey & Conn.
1-Dec-11	00:25	00:40	0.25	6508	6532	Drilling	Drilling - (WOB:21;GPM :220;RPM:45)
1-Dec-11	00:40	00:50	0.17	6532	6532	Survey & Conn.	Check shot survey
1-Dec-11	00:50	01:15	0.42	6532	6541	Sliding	Sliding - (WOB:0;GPM :220;TFO:-160)
1-Dec-11	01:15	01:20	0.08	6541	6541	Survey & Conn.	Survey & Conn.
1-Dec-11	01:20	01:30	0.17	6541	6578	Drilling	Drilling - (WOB:18;GPM :220;RPM:55)
1-Dec-11	01:30	02:45	1.25	6578	6578	Rig Service-Inhole	Hook load sensor problems.
1-Dec-11	02:45	02:50	0.08	6578	6578	Survey & Conn.	Survey & Conn.
1-Dec-11	02:50	03:10	0.33	6578	6606	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	03:10	03:20	0.17	6606	6606	Survey & Conn.	Survey & Conn.
1-Dec-11	03:20	03:40	0.33	6606	6613	Sliding	Sliding - (WOB:0;GPM :220;TFO:-160)
1-Dec-11	03:40	04:00	0.33	6613	6638	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	04:00	04:10	0.17	6638	6638	Survey & Conn.	Survey & Conn.
1-Dec-11	04:10	04:45	0.58	6638	6670	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	04:45	04:55	0.17	6670	6670	Survey & Conn.	Survey & Conn.
1-Dec-11	04:55	05:20	0.42	6670	6675	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
1-Dec-11	05:20	11:30	6.17	6675	6675	POOH	POOH
1-Dec-11	11:30	13:00	1.50	6675	6675	Change BHA	Change BHA
1-Dec-11	13:00	18:40	5.67	6675	6675	TIH	TIH
1-Dec-11	18:40	19:00	0.33	6675	6675	Circulating	Circulating
1-Dec-11	19:00	19:25	0.42	6675	6700	Drilling	Drilling - (WOB:18;GPM :220;RPM:45)
1-Dec-11	19:25	19:30	0.08	6700	6700	Survey & Conn.	Survey & Conn.
1-Dec-11	19:30	20:00	0.50	6700	6707	Sliding	Sliding - (WOB:22;GPM :220;TFO:-30)
1-Dec-11	20:00	20:25	0.42	6707	6732	Drilling	Drilling - (WOB:14;GPM :220;RPM:45)
1-Dec-11	20:25	20:30	0.08	6732	6732	Survey & Conn.	Survey & Conn.
1-Dec-11	20:30	21:00	0.50	6732	6737	Sliding	Sliding - (WOB:22;GPM :220;TFO:-160)
1-Dec-11	21:00	21:35	0.58	6737	6765	Drilling	Drilling - (WOB:14;GPM :220;RPM:55)
1-Dec-11	21:35	21:40	0.08	6765	6765	Survey & Conn.	Survey & Conn.
1-Dec-11	21:40	22:25	0.75	6765	6797	Drilling	Drilling - (WOB:14;GPM :220;RPM:55)
1-Dec-11	22:25	22:30	0.08	6797	6797	Survey & Conn.	Survey & Conn.
1-Dec-11	22:30	22:50	0.33	6797	6805	Sliding	Sliding - (WOB:22;GPM :220;TFO:180)
1-Dec-11	23:35	24:00	0.42	6829	6837	Sliding	Sliding - (WOB:22;GPM :220;TFO:-160)
1-Dec-11	22:50	23:30	0.67	6805	6829	Drilling	Drilling - (WOB:14;GPM :220;RPM:55)
1-Dec-11	23:30	23:35	0.08	6829	6829	Survey & Conn.	Survey & Conn.

Archer

JOB NO.:	03328-432-22	Report Time:	2400	22 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Friday, December 02, 2011 at 0000 to Friday, December 02, 2011 at 2400

DRILLING SUMMARY

Start Depth	6837.00	Rotary Hours	15.17
End Depth	7735.00	Circulating Hours	0.25
Total Drilled:	898.00	Avg. Total ROP:	43.98
Total Rotary Drilled:	804.00	Avg. Rotary ROP:	53.01
Total Drilled Sliding:	94.00	Avg. Slide ROP:	17.90
Slide Hours:	5.25	Percent Rotary:	89.53
Below Rotary Hrs.	24.00	Percent Slide:	10.47

Drilling Parameters

WOB	18	Pick UP	109000	Slack Off	95000	SPM	
RAB	99000	SPP	1452	FlowRate	220 - 257		90

Mud Data

Type	gel/chem			PV	22	SOLID	5.6
Weight	9.16	GAS	0	YP	16	BHT°	125
Viscosity	52	SAND	0.5	PH	9.6	Flow T°	96
Chlorides	1250	WL	5.2			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 4:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC, Gap Sub, NMDC, x/o, DP - 108 jts 54 std's, HWDP - 50 jts 25 std's, ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Dec-11	00:00	00:35	0.58	6837	6862	Drilling	Drilling - (WOB:12;GPM :220;RPM:55)
2-Dec-11	00:35	00:40	0.08	6862	6862	Survey & Conn.	Survey & Conn.
2-Dec-11	00:40	00:50	0.17	6862	6873	Drilling	Drilling - (WOB:12;GPM :220;RPM:55)
2-Dec-11	00:50	01:05	0.25	6873	6873	Rig Service-Inhole	Lost power
2-Dec-11	01:05	01:45	0.67	6873	6894	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)
2-Dec-11	01:45	01:50	0.08	6894	6894	Survey & Conn.	Survey & Conn.
2-Dec-11	01:50	02:20	0.50	6894	6927	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)
2-Dec-11	02:20	02:30	0.17	6927	6927	Survey & Conn.	Survey & Conn.
2-Dec-11	02:30	03:05	0.58	6927	6959	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)
2-Dec-11	03:05	03:10	0.08	6959	6959	Survey & Conn.	Survey & Conn.
2-Dec-11	03:10	03:45	0.58	6959	6959	Rig repair	Frozen air lines
2-Dec-11	03:45	03:50	0.08	6959	6965	Sliding	Sliding - (WOB:22;GPM :220;TFO:180)
2-Dec-11	03:50	04:10	0.33	6965	6990	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)
2-Dec-11	04:10	04:30	0.33	6990	6990	Survey & Conn.	Survey & Conn.
2-Dec-11	04:30	04:45	0.25	6990	6998	Sliding	Sliding - (WOB:17;GPM :220;TFO:170)
2-Dec-11	04:45	05:05	0.33	6998	7023	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)
2-Dec-11	05:05	05:20	0.25	7023	7023	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Dec-11	05:20	05:25	0.08	7023	7031	Sliding	Sliding - (WOB:17;GPM :220;TFO:170)
2-Dec-11	05:25	05:40	0.25	7031	7055	Drilling	Drilling - (WOB:12;GPM :220;RPM:60)
2-Dec-11	05:40	05:45	0.08	7055	7055	Survey & Conn.	Survey & Conn.
2-Dec-11	05:45	06:05	0.33	7055	7062	Sliding	Sliding - (WOB:22;GPM :220;TFO:170)
2-Dec-11	06:05	06:30	0.42	7062	7088	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	06:30	06:35	0.08	7088	7088	Survey & Conn.	Survey & Conn.
2-Dec-11	06:35	07:15	0.67	7088	7094	Sliding	Sliding - (WOB:22; :220;TFO:170)
2-Dec-11	07:15	07:45	0.50	7094	7120	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	07:45	07:50	0.08	7120	7120	Survey & Conn.	Survey & Conn.
2-Dec-11	07:50	08:20	0.50	7120	7125	Sliding	Sliding - (WOB:22; :220;TFO:-10)
2-Dec-11	08:20	08:45	0.42	7125	7153	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	08:45	08:50	0.08	7153	7153	Survey & Conn.	Survey & Conn.
2-Dec-11	08:50	09:30	0.67	7153	7186	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	09:30	09:35	0.08	7186	7186	Survey & Conn.	Survey & Conn.
2-Dec-11	09:35	10:15	0.67	7186	7191	Sliding	Sliding - (WOB:22; :220;TFO:5)
2-Dec-11	10:15	10:30	0.25	7191	7218	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	10:30	10:35	0.08	7218	7218	Survey & Conn.	Survey & Conn.
2-Dec-11	10:35	11:00	0.42	7218	7223	Sliding	Sliding - (WOB:22; :220;TFO:175)
2-Dec-11	11:00	11:15	0.25	7223	7251	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	11:15	11:20	0.08	7251	7251	Survey & Conn.	Survey & Conn.
2-Dec-11	11:20	11:55	0.58	7251	7283	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	11:55	12:00	0.08	7283	7283	Survey & Conn.	Survey & Conn.
2-Dec-11	12:00	12:40	0.67	7283	7315	Drilling	Drilling - (WOB:12; :220;RPM:60)
2-Dec-11	12:40	12:45	0.08	7315	7315	Survey & Conn.	Survey & Conn.
2-Dec-11	12:45	13:00	0.25	7315	7321	Sliding	Sliding - (WOB:22; :220;TFO:175)
2-Dec-11	13:00	13:25	0.42	7321	7348	Drilling	Drilling - (WOB:18; :220;RPM:60)
2-Dec-11	13:25	13:30	0.08	7348	7348	Survey & Conn.	Survey & Conn.
2-Dec-11	13:30	13:55	0.42	7348	7380	Drilling	Drilling - (WOB:18; :220;RPM:60)
2-Dec-11	13:55	14:00	0.08	7380	7380	Survey & Conn.	Survey & Conn.
2-Dec-11	14:00	14:20	0.33	7380	7386	Sliding	Sliding - (WOB:0; :220;TFO:-20)
2-Dec-11	14:20	14:50	0.50	7386	7413	Drilling	Drilling - (WOB:18; :220;RPM:60)
2-Dec-11	14:50	14:55	0.08	7413	7413	Survey & Conn.	Survey & Conn.
2-Dec-11	14:55	15:05	0.17	7413	7417	Sliding	Sliding - (WOB:0; :220;TFO:180)
2-Dec-11	15:05	15:40	0.58	7417	7445	Drilling	Drilling - (WOB:18; :220;RPM:60)
2-Dec-11	15:40	15:45	0.08	7445	7445	Survey & Conn.	Survey & Conn.
2-Dec-11	20:35	20:40	0.08	7639	7639	Survey & Conn.	Survey & Conn.
2-Dec-11	20:40	21:45	1.08	7639	7671	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	21:45	21:50	0.08	7671	7671	Survey & Conn.	Survey & Conn.
2-Dec-11	21:50	22:55	1.08	7671	7703	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	22:55	23:00	0.08	7703	7703	Survey & Conn.	Survey & Conn.
2-Dec-11	23:00	23:25	0.42	7703	7710	Sliding	Sliding - (WOB:20;GPM :257;TFO:180)
2-Dec-11	23:25	24:00	0.58	7710	7735	Drilling	Drilling - (WOB:18; :220;RPM:50)
2-Dec-11	15:45	16:15	0.50	7445	7477	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	16:15	16:20	0.08	7477	7477	Survey & Conn.	Survey & Conn.
2-Dec-11	16:20	16:45	0.42	7477	7484	Sliding	Sliding - (WOB:20;GPM :220;TFO:180)
2-Dec-11	16:45	17:15	0.50	7484	7510	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	17:15	17:20	0.08	7510	7510	Survey & Conn.	Survey & Conn.
2-Dec-11	17:20	17:40	0.33	7510	7518	Sliding	Sliding - (WOB:20;GPM :220;TFO:180)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
2-Dec-11	17:40	18:00	0.33	7518	7543	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	18:00	18:05	0.08	7543	7543	Survey & Conn.	Survey & Conn.
2-Dec-11	18:05	18:25	0.33	7543	7549	Sliding	Sliding - (WOB:20;GPM :257;TFO:180)
2-Dec-11	18:25	18:55	0.50	7549	7574	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	18:55	19:00	0.08	7574	7574	Survey & Conn.	Survey & Conn.
2-Dec-11	19:00	19:30	0.50	7574	7607	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
2-Dec-11	19:30	19:35	0.08	7607	7607	Survey & Conn.	Survey & Conn.
2-Dec-11	19:35	20:35	1.00	7607	7639	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)

Archer

JOB NO.:	03328-432-22	Report Time:	2400	23 of 23
Company:	Berry Petroleum CO.	API JOB #	43-013-22606	
LOCATION:	LAKE CANYON	WORK ORDER#		
RIG NAME:	PATTERSON #779	FIELD:	LAKE CANYON	
STATE:	UTAH	Township:	5 S	
COUNTY:	DUCHESNE	SECT\RANGE:	6	6 W
WELL NAME:	LC 12H-6-56			

From Saturday, December 03, 2011 at 0000 to Saturday, December 03, 2011 at 2400

DRILLING SUMMARY

Start Depth	7735.00	Rotary Hours	3.92
End Depth	7930.00	Circulating Hours	1.92
Total Drilled:	195.00	Avg. Total ROP:	41.79
Total Rotary Drilled:	187.00	Avg. Rotary ROP:	47.74
Total Drilled Sliding:	8.00	Avg. Slide ROP:	10.67
Slide Hours:	0.75	Percent Rotary:	95.90
Below Rotary Hrs.	24.00	Percent Slide:	4.10

Drilling Parameters

WOB	18	Pick UP	109000	Slack Off	95000	SPM			
RAB	99000	SPP	1452	FlowRate	220 - 257	90			

Mud Data

Type	gel/chem			PV	22	SOLID	5.6
Weight	9.16	GAS	0	YP	16	BHT°	125
Viscosity	52	SAND	0.5	PH	9.6	Flow T°	96
Chlorides	1250	WL	5.2			Oil %	0

PERSONNEL

Lead Directional :	KEN THIBODEAUX
Second Directional :	Darin Fox
MWD Operator1	JARED CONVERSE
MWD Operator2	
Directional Company:	Great White Directional Services, LLC
Geologist:	
Company Man:	George Urban

CASING

Size	Lb/ft	Set Depth

Signature:

BHA

BHA # 4:Bit FX64D, Motor 7/8 3.8, Stabilizer Non-mag, Pony , TC-NMDC, Gap Sub, NMDC, x/o, DP - 108 jts 54 std's, HWDP - 50 jts 25 std's, ,

Incl. In:	0	Azm. In:	0	Incl. Out:	0	Azm. Out:	0

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Dec-11	00:00	00:05	0.08	7735	7735	Survey & Conn.	Survey & Conn.
3-Dec-11	00:05	00:55	0.83	7735	7768	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
3-Dec-11	00:55	01:00	0.08	7768	7768	Survey & Conn.	Survey & Conn.
3-Dec-11	01:00	02:05	1.08	7768	7800	Drilling	Drilling - (WOB:18;GPM :220;RPM:50)
3-Dec-11	02:05	02:15	0.17	7800	7800	Survey & Conn.	Survey & Conn.
3-Dec-11	02:15	03:00	0.75	7800	7808	Sliding	Sliding - (WOB:20;GPM :257;TFO:10)
3-Dec-11	03:00	03:15	0.25	7808	7833	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	03:15	03:25	0.17	7833	7833	Survey & Conn.	Survey & Conn.
3-Dec-11	03:25	03:50	0.42	7833	7865	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	03:50	04:00	0.17	7865	7865	Survey & Conn.	Survey & Conn.
3-Dec-11	04:00	04:25	0.42	7865	7898	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	04:25	04:35	0.17	7898	7898	Survey & Conn.	Survey & Conn.
3-Dec-11	04:35	05:30	0.92	7898	7930	Drilling	Drilling - (WOB:18;GPM :220;RPM:60)
3-Dec-11	05:30	05:35	0.08	7930	7930	Survey & Conn.	Survey & Conn.
3-Dec-11	05:35	07:30	1.92	7930	7930	Circulating	Circ bottoms up TD
3-Dec-11	07:30	12:30	5.00	7930	7930	POOH	POOH
3-Dec-11	12:30	13:30	1.00	7930	7930	Other	Lay down DIR tools

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Dec-11	13:30	24:00	10.50	7930	7930	Other	Load truck/travel home

Archer

BHA's & Slide/Rotate Reports

Well Information

BHA # 1

Archer

JOB NO.:	03328-432-22	**FIELD:**	LAKE CANYON
Company:	Berry Petroleum CO.	**Township:**	5 S
LOCATION:	LAKE CANYON	**SECT. RANGE:**	6 6 W
RIG NAME:	PATTERSON #779	**Lead DD:**	KEN THIBODEAUX
STATE:	UTAH	**Co. Man:**	George Urban
COUNTY:	DUCHESNE	**BHA TYPE:**	Steerable Assembly
WELL NAME:	LC 12H-6-56		

BHA Summary Information

TIME IN - OUT		Rotary Hours	5.67	Start Depth	3851.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	34.67 / 2.75	End Depth	4951.00		
24-Nov-11 @ 19:45	28-Nov-11 @ 01:45	Slide Hours	26.25	Percent Rotary:	30.18	0 -60	0 -480
		Below Rotary Hrs.	74.83	Percent Slide:	69.82		

Total Drilled:	1100.00	**Avg. Total ROP:**	34.46	**Incl.**		**Azimuth**	
Total Rotary Drilled:	332.00	**Avg. Rotary ROP:**	58.59	**IN**	**OUT**	**IN**	**OUT**
Total Drilled Sliding:	768.00	**Avg. Slide ROP:**	29.26	.0	86.4	.00	271.02

SPP	0 -2400	Weights	SO	0 -98000	PU	0 -111000	RAB	0 -103000	Reason POOH	

Bit Data

SDI	Bit fdx55m
Type Bit	PDC
TFA	0.981

JETS					
16	16	16	16	16	
0	0	0	0	0	

Bit Coding							IADC#
IR	OR	DL	Loc	BS	G	ODL	
3	3						

Bit Drop: 206 PSI @ 480 GPM

MOTOR DATA

Motor 7/8 5.7			
Model: XT 1000		Pad OD	
MFG. GWD		7	
Bend °	2.12	Stator/Rotor	7/8
Bit to Bend	5.4	Motor Diff	200
Rev/GAL	0.24		
NB Stab	0		
Rotor Jet	0		

Sensor Offsets

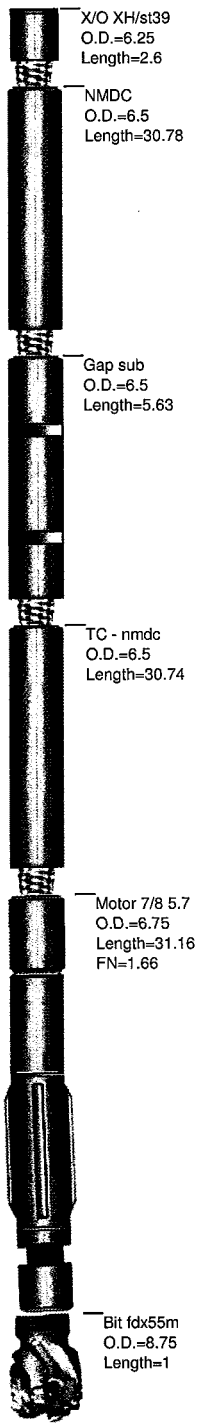
Sensor	47	Sonic	0
Gamma	42	DNSC	0
Restiv	0	GYRO	0

Mud Data

Type	dap						
WT	9.35	GAS	0	Solids	7		
Vis	49	SAND	0.35	T °	104		
PV	22	PH	11	Chlor	950		
YP	10	WL	9.2	Oil %	0		
				BHT°	117.5		

PUMPS	PUMP1	PUMP1
NAME		
Model		
Type		
Liner	.00	.00
Stroke	.00	.00
Efficency	.00	.00

Comments



BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit fdx55m	11690186		8.75	1.00	1.00	4 1/2 REGP
2	Motor 7/8 5.7	650487		6.75	31.16	32.16	4 1/2 XHB
3	TC - nmdc	65230	2.875	6.5	30.74	62.90	4 1/2 XHB
4	Gap sub	1005	3.125	6.5	5.63	68.53	4 1/2 XHB
5	NMDC	65229	2.875	6.5	30.78	99.31	4 1/2 XHB
6	X/O XH/st39	0010	2.75	6.25	2.60	101.91	XT 39B
7	DP 10std's 20jts		2.25	5	647.01	748.92	XT 39
8	HWDP 25std's 50jts		2.25	5	1,539.92	2288.84	XT 39
9	DP 47 jts 23 + 1 std's		2.25	5	1,520.98	3809.82	XT 39
10					0.00	3809.82	
11					0.00	3809.82	

Well Information

BHA # 2

Archer

JOB NO.:	03328-432-22	**FIELD:**	LAKE CANYON
Company:	Berry Petroleum CO.	**Township:**	5 S
LOCATION:	LAKE CANYON	**SECT. RANGE:**	6 6 W
RIG NAME:	PATTERSON #779	**Lead DD:**	KEN THIBODEAUX
STATE:	UTAH	**Co. Man:**	George Urban
COUNTY:	DUCHESNE	**BHA TYPE:**	Steerable Assembly
WELL NAME:	LC 12H-6-56		

BHA Summary Information

TIME IN - OUT		Rotary Hours	3.00	Start Depth	5007.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	4.33 / 1.33	End Depth	5068.00		
28-Nov-11 @ 01:45	28-Nov-11 @ 22:30	Slide Hours	.00	Percent Rotary:	100.00	60 -60	220 -220
		Below Rotary Hrs.	20.75	Percent Slide:	.00		

Total Drilled:	61.00	**Avg. Total ROP:**	20.33	**Incl.**		**Azimuth**	
Total Rotary Drilled:	61.00	**Avg. Rotary ROP:**	20.33	**IN**	**OUT**	**IN**	**OUT**
Total Drilled Sliding:	.00	**Avg. Slide ROP:**	NA	86.4	91.8	271.02	264.69

SPP	1500 -1500	Weights	SO	98000 -98000	PU	111000 -111000	RAB	103000 -103000	Reason POOH	PR

Bit Data

Security	Bit FX64D
Type Bit	PDC
TFA	1.086

JETS					
16	16	16	16	14	
14	0	0	0	0	

Bit Coding						
IR	OR	DL	Loc	BS	G	ODL
1	2		S		.01	

Bit Drop:	35 PSI @ 220 GPM

MOTOR DATA

Motor 5/6 8.3			
Model: 5683		Pad OD	
MFG.	Great White Directional	5	
Bend °	1.5	Stator/Rotor	5/6
Bit to Bend	4.4	Motor Diff	125
Rev/GAL	1.1		
NB Stab	5.625		
Rotor Jet	0		

Sensor Offsets

Sensor	62	Sonic	0
Gamma	58	DNSC	0
Restiv	0	GYRO	0

Mud Data

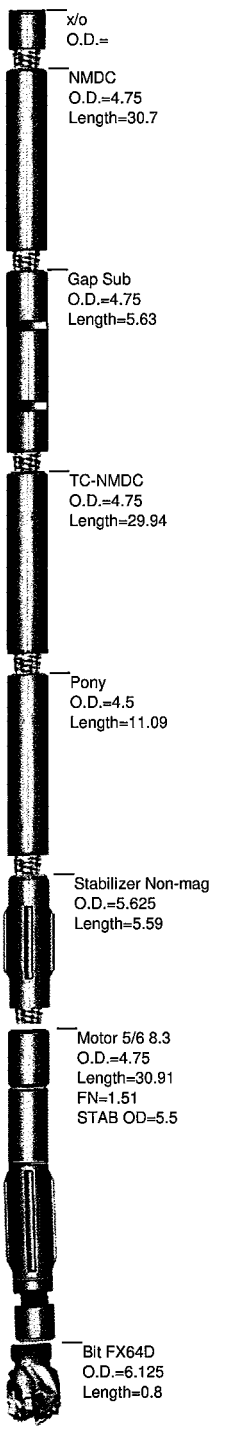
Type	dap						
WT	9.35	GAS	0	Solids	7		
Vis	49	SAND	0.35	T °	104		
PV	22	PH	11	Chlor	950		
YP	10	WL	9.2	Oil %	0		
				BHT°	117.5		

PUMPS	PUMP1	PUMP1
NAME		
Model		
Type		
Liner	.00	.00
Stroke	.00	.00
Efficency	.00	.00

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit FX64D	11673332		6.125	0.80	0.80	3 1/2 REGP
2	Motor 5/6 8.3	500002		4.75	30.91	31.71	3 1/2 IFB
3	Stabilizer Non-mag	5026850	2.75	5.625	5.59	37.30	3 1/2 IFB
4	Pony	471240	2.75	4.5	11.09	48.39	3 1/2 IFB
5	TC-NMDC	47121	2.75	4.75	29.94	78.33	3 1/2 IFB
6	Gap Sub	10012044	2.75	4.75	5.63	83.96	3 1/2 IFB
7	NMDC	47143	2.75	4.75	30.70	114.66	3 1/2 IFB
8	x/o	kp9695			3.05	117.71	XT 39B
9	DP - 108 jts 54 std's				3,492.20	3609.91	
10	HWDP - 50 jts 25 std's				1,539.92	5149.83	
11					0.00	5149.83	



Well Information

BHA # 3

Archer

JOB NO.:	03328-432-22	**FIELD:**	LAKE CANYON
Company:	Berry Petroleum CO.	**Township:**	5 S
LOCATION:	LAKE CANYON	**SECT. RANGE:**	6 6 W
RIG NAME:	PATTERSON #779	**Lead DD:**	KEN THIBODEAUX
STATE:	UTAH	**Co. Man:**	George Urban
COUNTY:	DUCHESNE	**BHA TYPE:**	Steerable Assembly
WELL NAME:	LC 12H-6-56		

BHA Summary Information

TIME IN - OUT		Rotary Hours	26.17	Start Depth	5068.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	45.58 / 4.00	End Depth	6675.00		
28-Nov-11 @ 22:30	01-Dec-11 @ 13:00	Slide Hours	15.42	Percent Rotary:	82.14	0 -60	200 -220
		Below Rotary Hrs.	62.50	Percent Slide:	17.86		

Total Drilled:	1607.00	**Avg. Total ROP:**	38.65	**Incl.**		**Azimuth**	
Total Rotary Drilled:	1320.00	**Avg. Rotary ROP:**	50.45	**IN**	**OUT**	**IN**	**OUT**
Total Drilled Sliding:	287.00	**Avg. Slide ROP:**	18.62	91.8	89.7	264.69	271.28

SPP	1100 -1500	Weights	SO	95000 -98000	PU	109000 -111000	RAB	99000 -103000	Reason POOH	DMF

Bit Data

Security	Bit FX64D
Type Bit	PDC
TFA	1.086

JETS					
16	16	16	16	14	
14	0	0	0	0	

Bit Coding							IADC#
IR	OR	DL	Loc	BS	G	ODL	
2	2		A		.01		

Bit Drop: 35 PSI @ 220 GPM

MOTOR DATA

7/8 3.8

Model:	7838	Pad OD	
MFG.	GWD		5.09
Bend °	1.5	Stator/Rotor	7/8
Bit to Bend	5	Motor Diff	300
Rev/GAL	0.51		
NB Stab	5.625		
Rotor Jet	0		

Sensor Offsets

Sensor	57	Sonic	0
Gamma	53	DNSC	0
Restiv	0	GYRO	0

Mud Data

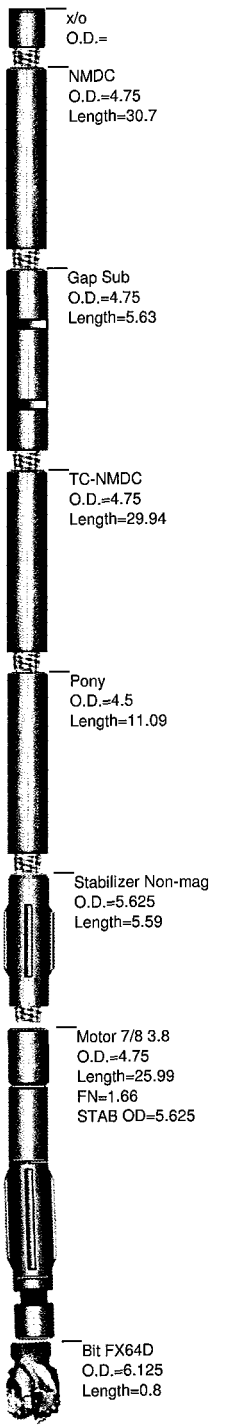
Type	gel/chem				
WT	9.16	GAS	0	Solids	5.8
Vis	42	SAND	0.35	T °	96
PV	15	PH	9.6	Chlor	1300
YP	10	WL	7.6	Oil %	0
				BHT°	125

PUMPS	PUMP1	PUMP1
NAME		
Model		
Type		
Liner	.00	.00
Stroke	.00	.00
Efficency	.00	.00

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit FX64D	11673332		6.125	0.80	0.80	3 1/2 REGP
2	Motor 7/8 3.8	475040		4.75	25.99	26.79	3 1/2 IFB
3	Stabilizer Non-mag	5026850	2.75	5.625	5.59	32.38	3 1/2 IFB
4	Pony	471240	2.75	4.5	11.09	43.47	3 1/2 IFB
5	TC-NMDC	47121	2.75	4.75	29.94	73.41	3 1/2 IFB
6	Gap Sub	1002044	2.75	4.75	5.63	79.04	3 1/2 IFB
7	NMDC	47143	2.75	4.75	30.70	109.74	3 1/2 IFB
8	x/o	kp9695			3.05	112.79	XT 39B
9	DP - 108 jts 54 std's				3,492.20	3604.99	
10	HWDP - 50 jts 25 std's				1,539.92	5144.91	
11					0.00	5144.91	



Well Information

BHA # 4

Archer

JOB NO.:	03328-432-22	**FIELD:**	LAKE CANYON
Company:	Berry Petroleum CO.	**Township:**	5 S
LOCATION:	LAKE CANYON	**SECT. RANGE:**	6 6 W
RIG NAME:	PATTERSON #779	**Lead DD:**	KEN THIBODEAUX
STATE:	UTAH	**Co. Man:**	George Urban
COUNTY:	DUCHESNE	**BHA TYPE:**	Steerable Assembly
WELL NAME:	LC 12H-6-56		

BHA Summary Information

TIME IN - OUT		Rotary Hours	21.92	Start Depth	6675.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	32.17 / 2.50	End Depth	7930.00		
01-Dec-11 @ 13:00	03-Dec-11 @ 24:00	Slide Hours	7.75	Percent Rotary:	89.64	0 -60	220 -257
		Below Rotary Hrs.	59.00	Percent Slide:	10.36		

Total Drilled:	1255.00	**Avg. Total ROP:**	42.30	**Incl.**		**Azimuth**	
Total Rotary Drilled:	1125.00	**Avg. Rotary ROP:**	51.33	**IN**	**OUT**	**IN**	**OUT**
Total Drilled Sliding:	130.00	**Avg. Slide ROP:**	16.77	89.7	91.2	271.28	269.09

SPP	1100 -1452	Weights	SO	95000 -95000	PU	109000 -109000	RAB	99000 -99000	Reason POOH	

Bit Data

Security	Bit FX64D
Type Bit	PDC
TFA	1.086

JETS					
16	16	16	16	14	
14	0	0	0	0	

Bit Coding							IADC#
IR	OR	DL	Loc	BS	G	ODL	
0	0						

Bit Drop: 47 PSI @ 257 GPM

MOTOR DATA

7/8 3.8 STAGE			
Model: 7/8 3.8		Pad OD	
MFG. GREAT WHITE		5	
Bend °	1.5	Stator/Rotor	7/8
Bit to Bend	4.6	Motor Diff	
Rev/GAL	0.51		
NB Stab	5.625		
Rotor Jet	0		

Sensor Offsets

Sensor	54	Sonic	0
Gamma	50	DNSC	0
Restiv	0	GYRO	0

Mud Data

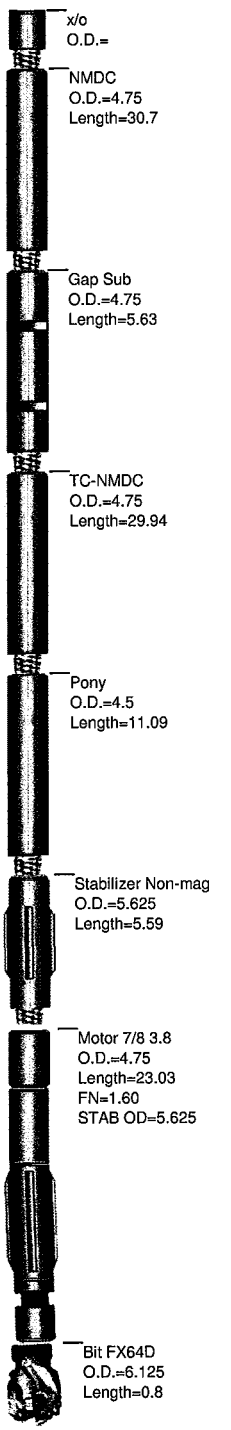
Type	gel/chem						
WT	9.16	GAS	0	Solids	5.6		
Vis	52	SAND	0.5	T °	96		
PV	22	PH	9.6	Chlor	1250		
YP	16	WL	5.2	Oil %	0		
				BHT°	125		

PUMPS	PUMP1	PUMP1
NAME		
Model		
Type		
Liner	.00	.00
Stroke	.00	.00
Efficency	.00	.00

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Bit FX64D	11673332		6.125	0.80	0.80	3 1/2 REGP
2	Motor 7/8 3.8	475098		4.75	23.03	23.83	3 1/2 IFB
3	Stabilizer Non-mag	5026850	2.75	5.625	5.59	29.42	3 1/2 IFB
4	Pony	471240	2.75	4.5	11.09	40.51	3 1/2 IFB
5	TC-NMDC	47121	2.75	4.75	29.94	70.45	3 1/2 IFB
6	Gap Sub	1002044	2.75	4.75	5.63	76.08	3 1/2 IFB
7	NMDC	47143	2.75	4.75	30.70	106.78	3 1/2 IFB
8	x/o	kp9695			3.05	109.83	XT 39B
9	DP - 108 jts 54 std's				3,492.20	3602.03	
10	HWDP - 50 jts 25 std's				1,539.92	5141.95	
11					0.00	5141.95	



Archer

JOB NO.:	03328-432-22
Company:	Berry Petroleum CO.
LOCATION:	LAKE CANYON
RIG NAME:	PATTERSON #779
STATE:	UTAH
COUNTY:	Country
WELL NAME:	LC 12H-6-56

FIELD:	LAKE CANYON
Township:	5 S
Range	6 W

MOTOR INFORMATION

Desc: Motor 7/8 5.7

Bent Hsg/Sub: 2.1 / 2.1 **Bit to Bend: 5.4**

Pad OD: 7 **NB Stab:**

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	25-Nov	Drilling	01:45	02:10	0.42	3851	3885	34		81.6	0	0				0.00	0.00	0.00	
1	25-Nov	Sliding	02:10	03:15	1.08	3885	3910	25		23.1	0	0	400		270	0.00	0.00	0.00	
1	25-Nov	Drilling	10:45	11:20	0.58	3910	3949	39	15	66.9	60	0	400	1800		0.00	0.00	0.00	
1	25-Nov	Drilling	11:20	11:55	0.58	3949	3982	33	15	56.6	60	0	400	1800		0.00	0.00	0.00	
1	25-Nov	Drilling	12:00	13:10	1.17	3982	4078	96	15	82.3	60	0	400	1800		3.16	252.30	3.73	
1	25-Nov	Sliding	13:15	14:15	1.00	4078	4092	14		14.0	60	0	400	1800	270	3.60	253.44	0.46	
1	25-Nov	Drilling	14:15	14:25	0.17	4092	4110	18	15	108.0	60	0	400	1800		3.60	253.44	0.46	
1	25-Nov	Sliding	14:45	15:55	1.17	4110	4143	33		28.3	60	0	400	1800	270	3.69	256.17	0.61	
1	25-Nov	Sliding	16:05	16:50	0.75	4143	4176	33		44.0	60	0	400	1800	270	5.32	265.22	5.37	
1	25-Nov	Sliding	16:55	17:40	0.75	4176	4203	27		36.0	60	0	400	1800	10	8.13	269.61	8.65	
1	25-Nov	Drilling	17:40	17:50	0.17	4203	4208	5	15	30.0	60	0	400	1800		8.13	269.61	8.65	
1	25-Nov	Sliding	17:55	18:45	0.83	4208	4240	32		38.4	60	0	400	1800	10	11.65	272.69	11.12	
1	25-Nov	Sliding	19:00	19:55	0.92	4240	4273	33		36.0	60	0	400	1800	-10	11.65	14.68	11.12	
1	25-Nov	Sliding	20:00	21:00	1.00	4273	4305	32		32.0	60	0	400	1800	-10	17.71	275.33	9.19	
1	25-Nov	Sliding	21:05	22:05	1.00	4305	4338	33		33.0	60	0	400	1800	-10	20.96	275.77	10.17	
1	25-Nov	Sliding	22:10	23:15	1.08	4338	4370	32		29.5	60	0	400	1800	-20	24.70	276.21	11.35	
1	25-Nov	Sliding	23:20	24:00	0.67	4370	4389	19		28.5	60	0	400	1800	-20	26.21	275.86	10.99	
1	26-Nov	Sliding	00:00	00:30	0.50	4389	4403	14		28.0	60	0	400	1800	-20	26.21	275.86	10.99	
1	26-Nov	Sliding	00:35	01:20	0.75	4403	4436	33		44.0	60	0	400	1800	-20	31.99	275.33	11.47	
1	26-Nov	Sliding	01:25	02:25	1.00	4436	4468	32		32.0	60	0	400	1800	-20	36.08	274.71	12.44	
1	26-Nov	Sliding	02:30	03:10	0.67	4468	4500	32		48.0	60	0	400	1800	-20	39.95	273.83	12.21	
1	26-Nov	Sliding	03:15	04:10	0.92	4500	4533	33		36.0	60	0	400	1800	-20	44.03	272.95	12.88	
1	26-Nov	Sliding	04:15	05:00	0.75	4533	4560	27		36.0	60	0	400	1800		47.81	271.46	11.90	
1	26-Nov	Sliding	05:05	05:45	0.67	4560	4588	28		42.0	60	0	400	1800		51.90	270.85	13.28	
1	26-Nov	Drilling	05:45	05:55	0.17	4588	4596	8	15	48.0	60	0	400	1800		51.90	270.85	13.28	
1	26-Nov	Sliding	06:00	06:30	0.50	4596	4621	25		50.0	60	0	400	1800	10	55.77	270.49	12.13	

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	26-Nov	Drilling	06:30	06:40	0.17	4621	4629	8	15	48.0	60	0	400	1800		55.77	270.49	12.13	
1	26-Nov	Sliding	06:45	07:40	0.92	4629	4654	25		27.3	60	0	400	1800	10	59.06	270.76	9.99	
1	26-Nov	Drilling	07:40	07:50	0.17	4654	4661	7	15	42.0	60	0	400	1800		59.06	270.76	9.99	
1	26-Nov	Sliding	07:55	10:00	2.08	4661	4688	27		13.0	60	0	400	1800	10	61.61	270.49	8.00	
1	26-Nov	Drilling	10:00	10:10	0.17	4688	4693	5	15	30.0	60	0	400	1800		61.61	270.49	8.00	
1	26-Nov	Sliding	10:40	12:20	1.67	4693	4723	30		18.0	60	0	400	1800	10	64.34	271.20	8.76	
1	26-Nov	Drilling	12:20	12:25	0.08	4723	4726	3	15	36.0	60	0	400	1800		64.34	271.20	8.76	
1	26-Nov	Sliding	12:55	13:40	0.75	4726	4758	32		42.7	60	0	400	1800	-10	67.19	272.08	8.97	
1	26-Nov	Drilling	13:50	14:05	0.25	4758	4767	9	15	36.0	60	0	400	1800		71.10	271.99	12.22	
1	26-Nov	Sliding	14:05	14:35	0.50	4767	4785	18		36.0	60	0	400	1800	-10	71.10	271.99	12.22	
1	26-Nov	Drilling	14:35	14:50	0.25	4785	4791	6	15	24.0	60	0	400	1800		71.10	271.99	12.22	
1	26-Nov	Sliding	15:00	15:30	0.50	4791	4806	15	20	30.0	0	0	480	2400	-10	74.58	271.11	10.85	
1	26-Nov	Drilling	15:30	16:05	0.58	4806	4823	17	15	29.1	60	0	400	2400		74.58	271.11	10.85	
1	26-Nov	Sliding	16:15	16:40	0.42	4823	4833	10	20	24.0	60	0	480	2400	360	78.00	270.58	10.81	
1	26-Nov	Drilling	16:40	16:55	0.25	4833	4855	22	15	88.0	60	0	400	2400		78.00	270.58	10.81	
1	26-Nov	Sliding	17:05	17:55	0.83	4855	4870	15	20	18.0	60	0	480	2400	360	79.80	269.35	6.77	
1	26-Nov	Drilling	17:55	18:15	0.33	4870	4887	17	15	51.0	60	0	400	2400		79.80	269.35	6.77	
1	26-Nov	Sliding	18:20	19:25	1.08	4887	4919	32	20	29.5	0	0	480	2400	360	80.82	269.70	3.47	
1	26-Nov	Sliding	19:35	21:05	1.50	4919	4946	27	20	18.0	0	0	480	2400	360	82.88	269.70	6.24	
1	26-Nov	Drilling	21:05	21:15	0.17	4946	4951	5	15	30.0	60	0	400	2400		82.88	269.70	6.24	

					DEPTH% - TIME %
Total Drilled:	1100	**Avg. Total ROP:**	34.46		
Total Rotary Drilled:	332	**Avg. Rotary ROP:**	58.59	**Percent Rotary:**	30.18 - 17.75
Total Drilled Sliding:	768	**Avg. Slide ROP:**	29.26	**Percent Slide:**	69.82 - 82.25

Archer

JOB NO.:	03328-432-22
Company:	Berry Petroleum CO.
LOCATION:	LAKE CANYON
RIG NAME:	PATTERSON #779
STATE:	UTAH
COUNTY:	Country
WELL NAME:	LC 12H-6-56

FIELD:	LAKE CANYON
Township:	5 S
Range	6 W

MOTOR INFORMATION

Desc: Motor 5/6 8.3
Bent Hsg/Sub: 1.5 / 0 **Bit to Bend: 4.4**
Pad OD: 5 **NB Stab:**

Slide Report for BHA # 2

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
2	28-Nov	Drilling	13:00	15:05	2.08	5007	5038	31	15	14.9	60	0	220	1500		86.44	271.02	11.86	
2	28-Nov	Drilling	15:10	16:05	0.92	5038	5068	30	15	32.7	60	0	220	1500		91.54	264.87	11.25	

Total Drilled:	61	**Avg. Total ROP:**	20.33	**DEPTH% - TIME %**	
Total Rotary Drilled:	61	**Avg. Rotary ROP:**	20.33	**Percent Rotary:**	100.00 - 100.00
Total Drilled Sliding:	0	**Avg. Slide ROP:**	NA	**Percent Slide:**	.00 - .00

Archer

JOB NO.:	03328-432-22
Company:	Berry Petroleum CO.
LOCATION:	LAKE CANYON
RIG NAME:	PATTERSON #779
STATE:	UTAH
COUNTY:	Country
WELL NAME:	LC 12H-6-56

FIELD:	LAKE CANYON
Township:	5 S
Range	6 W

MOTOR INFORMATION

Desc: 7/8 3.8
Bent Hsg/Sub: 1.5 / 1.5 Bit to Bend: 5
Pad OD: 5.09 NB Stab: 5 5/8

Slide Report for BHA # 3

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
3	29-Nov	Drilling	04:30	06:00	1.50	5068	5094	26	15	17.3	60	0	220	1500		91.80	264.69	1.05	
3	29-Nov	Sliding	06:05	06:45	0.67	5094	5106	12	18	18.0	60	0	200	1100	140	92.42	265.13	2.45	
3	29-Nov	Drilling	06:45	07:05	0.33	5106	5126	20	15	60.0	60	0	220	1100		92.42	265.13	2.45	
3	29-Nov	Drilling	07:10	07:55	0.75	5126	5156	30	15	40.0	60	0	220	1100		92.55	265.04	0.49	
3	29-Nov	Drilling	08:00	08:45	0.75	5156	5188	32	15	42.7	60	0	220	1100		91.41	265.66	4.33	
3	29-Nov	Sliding	08:50	09:35	0.75	5188	5198	10	18	13.3	60	0	200	1100	10	90.92	266.36	2.67	
3	29-Nov	Drilling	09:35	09:55	0.33	5198	5218	20	15	60.0	60	0	220	1100		90.92	266.36	2.67	
3	29-Nov	Drilling	10:00	10:25	0.42	5218	5251	33	15	79.2	60	0	220	1100		91.36	266.19	1.57	
3	29-Nov	Drilling	10:30	11:05	0.58	5251	5283	32	15	54.9	60	0	220	1100		92.50	266.54	3.61	
3	29-Nov	Sliding	11:10	11:45	0.58	5283	5291	8	18	13.7	60	0	200	1100	180	94.22	267.33	5.91	
3	29-Nov	Drilling	11:45	12:05	0.33	5291	5315	24	15	72.0	60	0	220	1100		94.22	267.33	5.91	
3	29-Nov	Drilling	12:10	12:35	0.42	5315	5348	33	15	79.2	60	0	220	1100		93.99	266.71	2.06	
3	29-Nov	Sliding	12:40	13:00	0.33	5348	5354	6	18	18.0	60	0	200	1100		91.63	265.66	7.83	
3	29-Nov	Drilling	13:00	13:30	0.50	5354	5381	27	15	54.0	60	0	220	1100		91.63	265.66	7.83	
3	29-Nov	Sliding	13:35	13:45	0.17	5381	5387	6	18	36.0	0	0	200	1100		90.62	265.40	3.16	
3	29-Nov	Drilling	13:45	14:15	0.50	5387	5413	26	15	52.0	60	0	220	1100		90.62	265.40	3.16	
3	29-Nov	Drilling	14:25	15:10	0.75	5413	5445	32	15	42.7	60	0	220	1100		92.02	265.92	4.67	
3	29-Nov	Sliding	15:15	15:35	0.33	5445	5450	5	18	15.0	0	0	200	1100	175	93.65	265.66	5.16	
3	29-Nov	Drilling	15:35	16:05	0.50	5450	5477	27	15	54.0	60	0	220	1100		93.65	265.66	5.16	
3	29-Nov	Drilling	16:10	16:45	0.58	5477	5509	32	15	54.9	60	0	220	1100		92.29	264.61	5.37	
3	29-Nov	Sliding	16:50	17:15	0.42	5509	5517	8	18	19.2	0	0	200	1100	65	90.00	263.11	8.55	
3	29-Nov	Drilling	17:15	17:40	0.42	5517	5541	24	15	57.6	60	0	220	1100		90.00	263.11	8.55	
3	29-Nov	Sliding	18:15	19:00	0.75	5541	5557	16	18	21.3	0	0	200	1100	45	89.65	262.76	1.55	
3	29-Nov	Drilling	19:00	19:15	0.25	5557	5578	21	15	84.0	60	0	220	1100		89.65	262.76	1.55	
3	29-Nov	Sliding	19:25	19:55	0.50	5578	5581	3	18	6.0	0	0	200	1100	65	91.41	264.69	8.16	
3	29-Nov	Drilling	19:55	20:25	0.50	5581	5606	25	15	50.0	60	0	220	1100		91.41	264.69	8.16	

Slide Report for BHA # 3

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
3	29-Nov	Sliding	20:30	21:00	0.50	5606	5616	10	15	20.0	60	0	220	1100	85	93.38	266.27	7.65	
3	29-Nov	Drilling	21:00	21:35	0.58	5616	5637	21	15	36.0	60	0	220	1100	85	93.38	266.27	7.65	
3	29-Nov	Sliding	21:40	22:20	0.67	5637	5649	12	15	18.0	0	0	220	1100	90	94.09	266.80	2.86	
3	29-Nov	Drilling	22:20	22:55	0.58	5649	5670	21	15	36.0	60	0	220	1100		94.09	266.80	2.86	
3	29-Nov	Sliding	23:00	23:30	0.50	5670	5676	6	15	12.0	0	0	220	1100	165	94.83	268.12	4.58	
3	29-Nov	Drilling	23:30	24:00	0.50	5676	5703	27	24	54.0	60	0	220	1100		94.83	268.12	4.58	
3	30-Nov	Sliding	00:10	01:00	0.83	5703	5715	12	15	14.4	60	0	220	1100	130	94.83	268.12	4.58	
3	30-Nov	Drilling	01:00	01:25	0.42	5715	5735	20	24	48.0	60	0	220	1100		94.83	268.12	4.58	
3	30-Nov	Sliding	01:30	02:00	0.50	5735	5747	12	15	24.0	60	0	220	1100	170	96.06	270.85	2.82	
3	30-Nov	Drilling	02:00	02:15	0.25	5747	5768	21	24	84.0	60	0	220	1100		96.06	270.85	2.82	
3	30-Nov	Sliding	02:20	02:50	0.50	5768	5781	13	15	26.0	60	0	220	1100	180	95.67	271.55	2.42	
3	30-Nov	Drilling	02:50	03:15	0.42	5781	5800	19	24	45.6	60	0	220	1100		95.67	271.55	2.42	
3	30-Nov	Sliding	03:20	03:55	0.58	5800	5813	13	15	22.3	60	0	220	1100	180	95.23	273.22	5.37	
3	30-Nov	Drilling	03:55	04:15	0.33	5813	5833	20	24	60.0	60	0	220	1100		95.23	273.22	5.37	
3	30-Nov	Drilling	04:20	05:00	0.67	5833	5865	32	24	48.0	60	0	220	1100		93.25	274.10	6.56	
3	30-Nov	Sliding	05:05	05:25	0.33	5865	5873	8	15	24.0	60	0	220	1100	360	93.25	274.10	6.56	
3	30-Nov	Drilling	05:25	05:45	0.33	5873	5897	24	24	72.0	60	0	220	1100		93.25	274.10	6.56	
3	30-Nov	Sliding	05:50	06:30	0.67	5897	5905	8	15	12.0	60	0	220	1100	-10	93.25	274.10	6.56	
3	30-Nov	Drilling	06:30	07:00	0.50	5905	5930	25	24	50.0	60	0	220	1100		93.25	274.10	6.56	
3	30-Nov	Sliding	07:05	07:45	0.67	5930	5935	5	15	7.5	60	0	220	1100	-10	89.74	274.54	3.96	
3	30-Nov	Drilling	07:45	08:40	0.92	5935	5962	27	24	29.5	60	0	220	1100		89.74	274.54	3.96	
3	30-Nov	Drilling	08:45	09:40	0.92	5962	5994	32	24	34.9	60	0	220	1100		91.89	274.54	6.72	
3	30-Nov	Sliding	09:45	10:20	0.58	5994	6000	6	15	10.3	0	0	220	1100	180	93.43	274.01	5.09	
3	30-Nov	Drilling	10:20	10:55	0.58	6000	6026	26	24	44.6	60	0	220	1100		93.43	274.01	5.09	
3	30-Nov	Sliding	11:00	11:20	0.33	6026	6031	5	20	15.0	0	0	220	1100	180	92.81	272.69	4.55	
3	30-Nov	Drilling	11:20	11:45	0.42	6031	6057	26	24	62.4	60	0	220	1100		92.81	272.69	4.55	
3	30-Nov	Sliding	11:50	12:05	0.25	6057	6061	4	20	16.0	0	0	220	1100	-60	92.02	272.87	2.61	
3	30-Nov	Drilling	12:05	12:40	0.58	6061	6090	29	24	49.7	50	0	220	1100		92.02	272.87	2.61	
3	30-Nov	Sliding	12:45	13:00	0.25	6090	6095	5	20	20.0	0	0	220	1100	-160	92.50	273.83	3.25	
3	30-Nov	Drilling	13:00	13:40	0.67	6095	6122	27	24	40.5	50	0	220	1100		92.50	273.83	3.25	
3	30-Nov	Sliding	13:45	14:05	0.33	6122	6130	8	20	24.0	0	0	220	1100	-170	92.64	273.04	2.50	
3	30-Nov	Drilling	14:05	14:45	0.67	6130	6154	24	24	36.0	50	0	220	1100		92.64	273.04	2.50	
3	30-Nov	Sliding	14:50	15:25	0.58	6154	6164	10	20	17.1	50	0	220	1100	-170	92.33	273.04	0.97	
3	30-Nov	Drilling	15:25	15:55	0.50	6164	6186	22	24	44.0	50	0	220	1100		92.33	273.04	0.97	
3	30-Nov	Sliding	16:30	17:00	0.50	6186	6194	8	20	16.0	50	0	220	1100	360	90.48	272.25	6.29	

Slide Report for BHA # 3

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
3	30-Nov	Drilling	17:00	17:20	0.33	6194	6219	25	24	75.0	50	0	220	1100		90.48	272.25	6.29	
3	30-Nov	Sliding	17:25	17:40	0.25	6219	6224	5	20	20.0	50	0	220	1100	360	88.90	272.16	4.80	
3	30-Nov	Drilling	17:40	18:30	0.83	6224	6249	25	24	30.0	50	0	220	1100		88.90	272.16	4.80	
3	30-Nov	Drilling	18:35	19:10	0.58	6249	6282	33	21	56.6	45	0	220	1100		89.78	271.90	3.06	
3	30-Nov	Drilling	19:15	19:55	0.67	6282	6314	32	21	48.0	45	0	220	1100		90.88	27.37	3.70	
3	30-Nov	Sliding	20:00	20:20	0.33	6314	6323	9		27.0	0	0	220	1100	180	91.23	27.76	2.20	
3	30-Nov	Drilling	20:20	20:45	0.42	6323	6346	23	21	55.2	45	0	220	1100		91.23	27.76	2.20	
3	30-Nov	Sliding	20:50	21:00	0.17	6346	6351	5		30.0	0	0	220	1100	180	91.89	270.58	2.14	
3	30-Nov	Drilling	21:00	21:25	0.42	6351	6379	28	21	67.2	45	0	220	1100		91.89	270.58	2.14	
3	30-Nov	Drilling	21:30	21:55	0.42	6379	6411	32	21	76.8	45	0	220	1100		91.23	271.20	2.74	
3	30-Nov	Drilling	22:00	22:30	0.50	6411	6443	32	21	64.0	45	0	220	1100		90.70	271.55	1.98	
3	30-Nov	Sliding	22:35	22:55	0.33	6443	6455	12		36.0	0	0	220	1100	-160	91.32	271.37	2.20	
3	30-Nov	Drilling	22:55	23:15	0.33	6455	6476	21	21	63.0	45	0	220	1100		91.32	271.37	2.20	
3	30-Nov	Sliding	23:20	23:50	0.50	6476	6497	21		42.0	0	0	220	1100	-160	91.98	271.28	2.02	
3	30-Nov	Drilling	23:50	24:00	0.17	6497	6492	-5	21	-30.0	45	0	220	1100		91.98	271.28	2.02	
3	1-Dec	Drilling	00:00	00:10	0.17	6492	6508	16	21	96.0	45	0	220	1100		91.98	271.28	2.02	
3	1-Dec	Drilling	00:25	00:40	0.25	6508	6532	24	18	96.0	55	0	220	1100		91.45	271.11	1.74	
3	1-Dec	Sliding	00:50	01:15	0.42	6532	6541	9		21.6	55	0	220	1100	-160	90.70	271.20	1.74	
3	1-Dec	Drilling	01:20	01:30	0.17	6541	6578	37	18	222.0	45	0	220	1100		89.52	271.02	5.85	
3	1-Dec	Drilling	02:50	03:10	0.33	6578	6606	28	18	84.0	45	0	220	1100		89.25	271.20	1.01	
3	1-Dec	Sliding	03:20	03:40	0.33	6606	6613	7	22	21.0	0	0	220	1100	-30	87.36	271.28	5.73	
3	1-Dec	Drilling	03:40	04:00	0.33	6613	6638	25	18	75.0	45	0	220	1100		87.36	271.28	5.73	
3	1-Dec	Drilling	04:10	04:45	0.58	6638	6670	32	18	54.9	45	0	220	1100		88.24	271.64	2.97	
3	1-Dec	Drilling	04:55	05:20	0.42	6670	6675	5	18	12.0	45	0	220	1100		89.74	271.28	4.82	

Total Drilled:	1607	**Avg. Total ROP:**	38.65	**DEPTH% - TIME %**	
Total Rotary Drilled:	1320	**Avg. Rotary ROP:**	50.45	**Percent Rotary:**	82.14 - 62.93
Total Drilled Sliding:	287	**Avg. Slide ROP:**	18.62	**Percent Slide:**	17.86 - 37.07

Archer

JOB NO.:	03328-432-22	**FIELD:**	LAKE CANYON
Company:	Berry Petroleum CO.	**Township:**	5 S
LOCATION:	LAKE CANYON	**Range**	6 W
RIG NAME:	PATTERSON #779		
STATE:	UTAH		
COUNTY:	Country		
WELL NAME:	LC 12H-6-56		

MOTOR INFORMATION

Desc: 7/8 3.8 STAGE

Bent Hsg/Sub: 1.5 / 0 **Bit to Bend: 4.6**

Pad OD: 5 **NB Stab:**

Slide Report for BHA # 4

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
4	1-Dec	Drilling	19:00	19:25	0.42	6675	6700	25	14	60.0	45	0	220	1100		89.74	271.28	4.82	
4	1-Dec	Sliding	19:30	20:00	0.50	6700	6707	7	22	14.0	0	0	220	1100	-160	91.01	270.32	4.82	
4	1-Dec	Drilling	20:00	20:25	0.42	6707	6732	25	14	60.0	55	0	220	1100		91.01	270.32	4.82	
4	1-Dec	Sliding	20:30	21:00	0.50	6732	6737	5	22	10.0	0	0	220	1100	180	91.71	269.35	3.74	
4	1-Dec	Drilling	21:00	21:35	0.58	6737	6765	28	14	48.0	55	0	220	1100		91.71	269.35	3.74	
4	1-Dec	Drilling	21:40	22:25	0.75	6765	6797	32	14	42.7	55	0	220	1100		90.53	268.65	4.16	
4	1-Dec	Sliding	22:30	22:50	0.33	6797	6805	8	22	24.0	0	0	220	1100	-160	91.93	269.18	4.68	
4	1-Dec	Drilling	22:50	23:30	0.67	6805	6829	24	12	36.0	55	0	220	1100		91.93	269.18	4.68	
4	1-Dec	Sliding	23:35	24:00	0.42	6829	6837	8	22	19.2	0	0	220	1100	180	92.86	269.09	2.92	
4	2-Dec	Drilling	00:00	00:35	0.58	6837	6862	25	12	42.9	55	0	220	1100		92.86	269.09	2.92	
4	2-Dec	Drilling	00:40	00:50	0.17	6862	6873	11	12	66.0	60	0	220	1100		91.49	268.30	4.79	
4	2-Dec	Drilling	01:05	01:45	0.67	6873	6894	21	12	31.5	60	0	220	1100		91.49	268.30	4.79	
4	2-Dec	Drilling	01:50	02:20	0.50	6894	6927	33	12	66.0	60	0	220	1100		90.75	268.12	2.38	
4	2-Dec	Drilling	02:30	03:05	0.58	6927	6959	32	12	54.9	60	0	220	1100		90.88	268.03	0.48	
4	2-Dec	Sliding	03:45	03:50	0.08	6959	6965	6	17	72.0	0	0	220	1100	170	91.63	267.77	2.48	
4	2-Dec	Drilling	03:50	04:10	0.33	6965	6990	25	12	75.0	60	0	220	1100		91.63	267.77	2.48	
4	2-Dec	Sliding	04:30	04:45	0.25	6990	6998	8		32.0	0	0	220	1100	170	92.72	268.12	3.69	
4	2-Dec	Drilling	04:45	05:05	0.33	6998	7023	25	12	75.0	60	0	220	1100		92.72	268.12	3.69	
4	2-Dec	Sliding	05:20	05:25	0.08	7023	7031	8	22	96.0	0	0	220	1100	170	92.94	268.56	1.49	
4	2-Dec	Drilling	05:25	05:40	0.25	7031	7055	24	12	96.0	60	0	220	1100		92.94	268.56	1.49	
4	2-Dec	Sliding	05:45	06:05	0.33	7055	7062	7	22	21.0	60	0	220	1100	170	92.07	268.21	2.93	
4	2-Dec	Drilling	06:05	06:30	0.42	7062	7088	26	12	62.4	60	0	220	1100		92.07	268.21	2.93	
4	2-Dec	Sliding	06:35	07:15	0.67	7088	7094	6	22	9.0	60	0	220	1100	-10	88.81	267.94	9.61	
4	2-Dec	Drilling	07:15	07:45	0.50	7094	7120	26	12	52.0	60	0	220	1100		88.81	267.94	9.61	
4	2-Dec	Sliding	07:50	08:20	0.50	7120	7125	5	22	10.0	60	0	220	1100	5	88.11	267.94	2.50	
4	2-Dec	Drilling	08:20	08:45	0.42	7125	7153	28	12	67.2	60	0	220	1100		88.11	267.94	2.50	

Slide Report for BHA # 4

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
4	2-Dec	Drilling	08:50	09:30	0.67	7153	7186	33	12	49.5	60	0	220	1100		90.31	268.56	6.93	
4	2-Dec	Sliding	09:35	10:15	0.67	7186	7191	5	22	7.5	60	0	220	1100	175	91.58	268.65	3.86	
4	2-Dec	Drilling	10:15	10:30	0.25	7191	7218	27	12	108.0	60	0	220	1100		91.58	268.65	3.86	
4	2-Dec	Sliding	10:35	11:00	0.42	7218	7223	5	22	12.0	60	0	220	1100	175	92.86	268.82	4.04	
4	2-Dec	Drilling	11:00	11:15	0.25	7223	7251	28	12	112.0	60	0	220	1100		92.86	268.82	4.04	
4	2-Dec	Drilling	11:20	11:55	0.58	7251	7283	32	12	54.9	60	0	220	1100		92.11	268.91	2.29	
4	2-Dec	Drilling	12:00	12:40	0.67	7283	7315	32	18	48.0	60	0	220	1100		90.22	268.30	6.21	
4	2-Dec	Sliding	12:45	13:00	0.25	7315	7321	6		24.0	0	0	220	1100	-20	89.91	268.12	1.12	
4	2-Dec	Drilling	13:00	13:25	0.42	7321	7348	27	18	64.8	60	0	220	1100		89.91	268.12	1.12	
4	2-Dec	Drilling	13:30	13:55	0.42	7348	7380	32	18	76.8	60	0	220	1100		90.44	267.86	1.79	
4	2-Dec	Sliding	14:00	14:20	0.33	7380	7386	6		18.0	0	0	220	1100	180	93.30	267.74	9.35	
4	2-Dec	Drilling	14:20	14:50	0.50	7386	7413	27	18	54.0	50	0	220	1100		93.30	267.74	9.35	
4	2-Dec	Sliding	14:55	15:05	0.17	7413	7417	4	20	24.0	0	0	220	1100	180	93.69	268.38	1.61	
4	2-Dec	Drilling	15:05	15:40	0.58	7417	7445	28	18	48.0	50	0	220	1100		93.69	268.38	1.61	
4	2-Dec	Drilling	15:45	16:15	0.50	7445	7477	32	18	64.0	50	0	220	1100		90.75	267.24	9.85	
4	2-Dec	Sliding	16:20	16:45	0.42	7477	7484	7	20	16.8	50	0	220	1100	180	90.92	267.59	1.22	
4	2-Dec	Drilling	16:45	17:15	0.50	7484	7510	26	18	52.0	50	0	220	1100		90.92	267.59	1.22	
4	2-Dec	Sliding	17:20	17:40	0.33	7510	7518	8	20	24.0	0	0	257	1452	180	91.10	267.15	1.44	
4	2-Dec	Drilling	17:40	18:00	0.33	7518	7543	25	18	75.0	50	0	220	1452		91.10	267.15	1.44	
4	2-Dec	Sliding	18:05	18:25	0.33	7543	7549	6	20	18.0	0	0	257	1452	180	90.44	267.33	2.07	
4	2-Dec	Drilling	18:25	18:55	0.50	7549	7574	25	18	50.0	50	0	220	1452		90.44	267.33	2.07	
4	2-Dec	Drilling	19:00	19:30	0.50	7574	7607	33	18	66.0	50	0	220	1452		88.95	268.21	5.58	
4	2-Dec	Drilling	19:35	20:35	1.00	7607	7639	32	18	32.0	50	0	220	1452		86.88	26794.00	6.33	
4	2-Dec	Drilling	20:40	21:45	1.08	7639	7671	32	18	29.5	50	0	220	1452		87.98	268.30	3.62	
4	2-Dec	Drilling	21:50	22:55	1.08	7671	7703	32	18	29.5	50	0	220	1452		88.02	268.03	0.85	
4	2-Dec	Sliding	23:00	23:25	0.42	7703	7710	7	20	16.8	0	0	257	1452	10	88.24	267.59	1.54	
4	2-Dec	Drilling	23:25	24:00	0.58	7710	7735	25	18	42.9	50	0	220	1452		88.24	267.59	1.54	
4	3-Dec	Drilling	00:05	00:55	0.83	7735	7768	33	18	39.6	60	0	220	1452		89.17	268.03	3.21	
4	3-Dec	Drilling	01:00	02:05	1.08	7768	7800	32	18	29.5	60	0	220	1452		89.17	268.03	3.21	
4	3-Dec	Sliding	02:15	03:00	0.75	7800	7808	8	20	10.7	60	0	257	1452	180	92.15	268.91	6.76	
4	3-Dec	Drilling	03:00	03:15	0.25	7808	7833	25	18	100.0	60	0	220	1452		92.15	268.91	6.76	
4	3-Dec	Drilling	03:25	03:50	0.42	7833	7865	32	18	76.8	60	0	220	1452		92.37	269.00	0.72	
4	3-Dec	Drilling	04:00	04:25	0.42	7865	7898	33	18	79.2	60	0	220	1452		91.01	269.00	4.25	
4	3-Dec	Drilling	04:35	05:30	0.92	7898	7930	32	18	34.9	60	0	220	1452		90.04	268.82	2.99	

Slide Report for BHA # 4

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note

Total Drilled:	1255	**Avg. Total ROP:**	42.30		**DEPTH% - TIME %**
Total Rotary Drilled:	1125	**Avg. Rotary ROP:**	51.33	**Percent Rotary:**	89.64 - 73.88
Total Drilled Sliding:	130	**Avg. Slide ROP:**	16.77	**Percent Slide:**	10.36 - 26.12

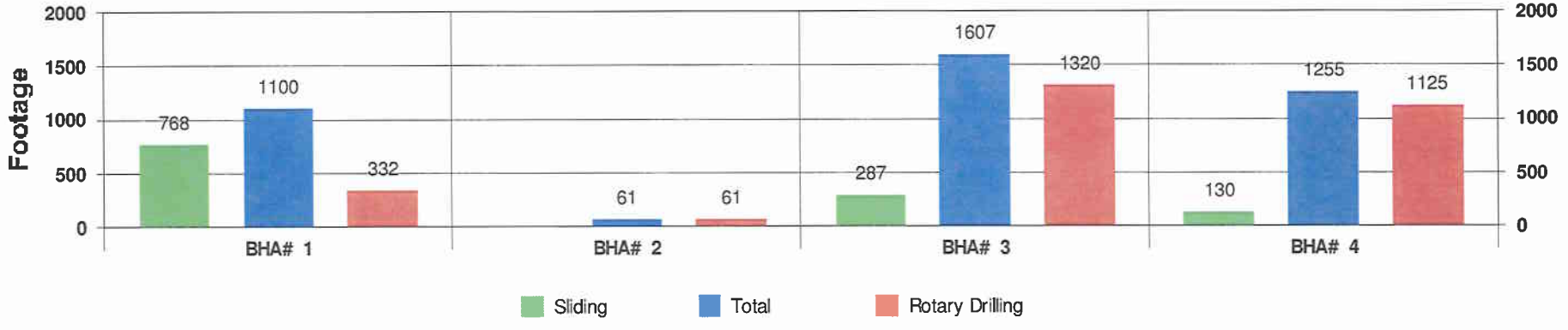
Archer

Postwell Analysis

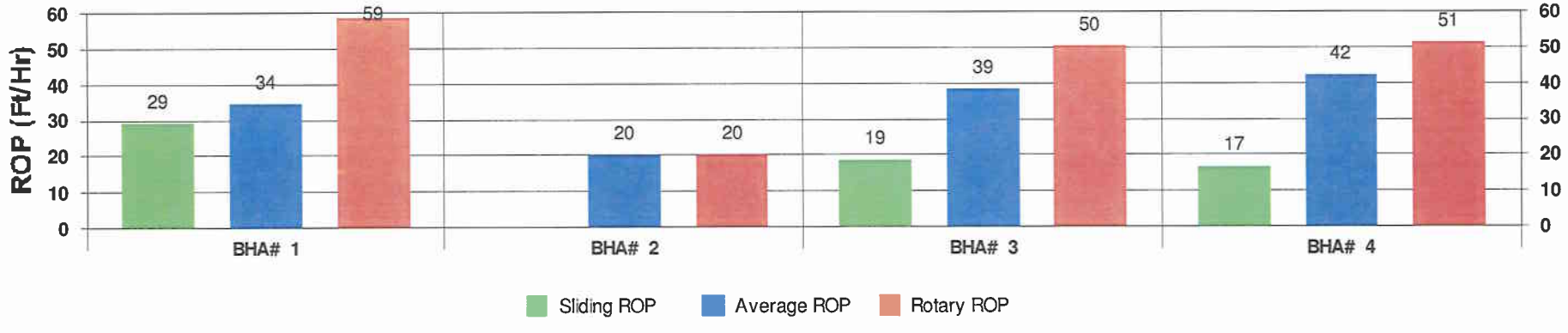
Archer

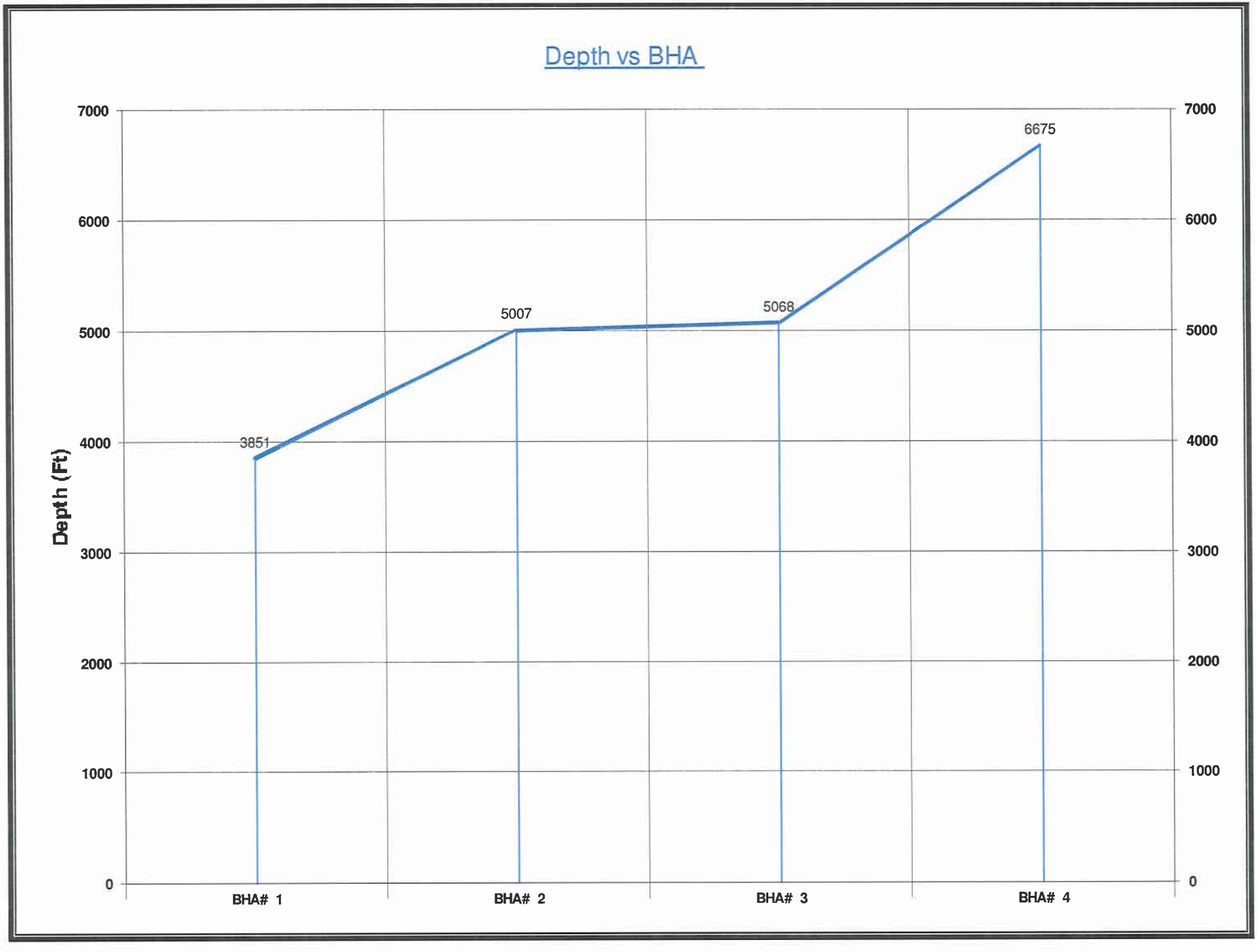
JOB NO.:	03328-432-22	FIELD:	LAKE CANYON	
Company:	Berry Petroleum CO.	Township:	5 S	
LOCATION:	LAKE CANYON	SECT\RANGE:	6	6 W
RIG NAME:	PATTERSON #779	COMMENT		
STATE:	UTAH			
COUNTY:	DUCHESNE			
WELL NAME:	LC 12H-6-56			

Footage Drilled with BHA

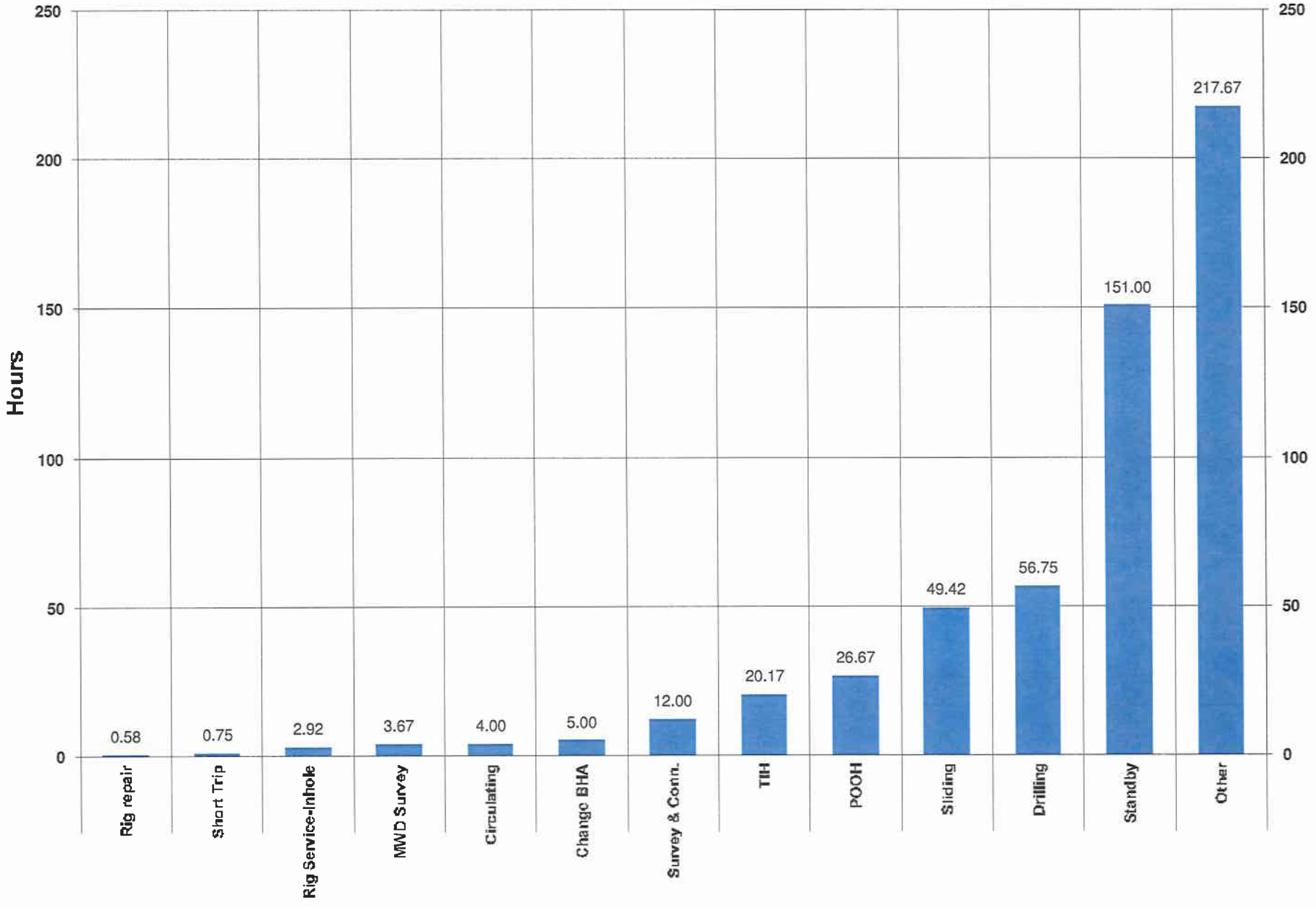


ROP vs BHA

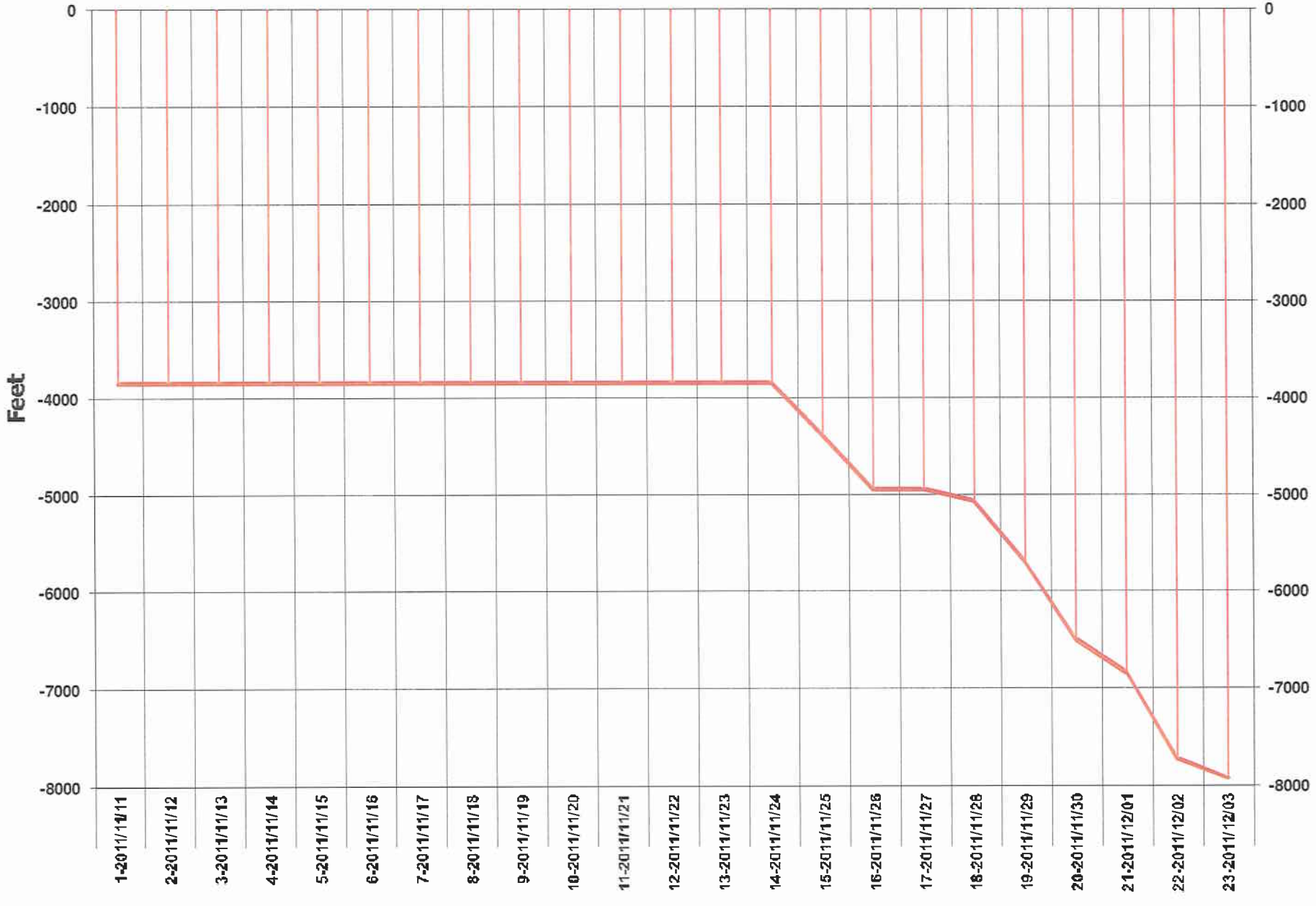



Depth vs BHA
Depth (Ft)
7000
6000
5000
4000
3000
2000
1000
0
3851
5007
5068
6675
BHA# 1
BHA# 2
BHA# 3
BHA# 4

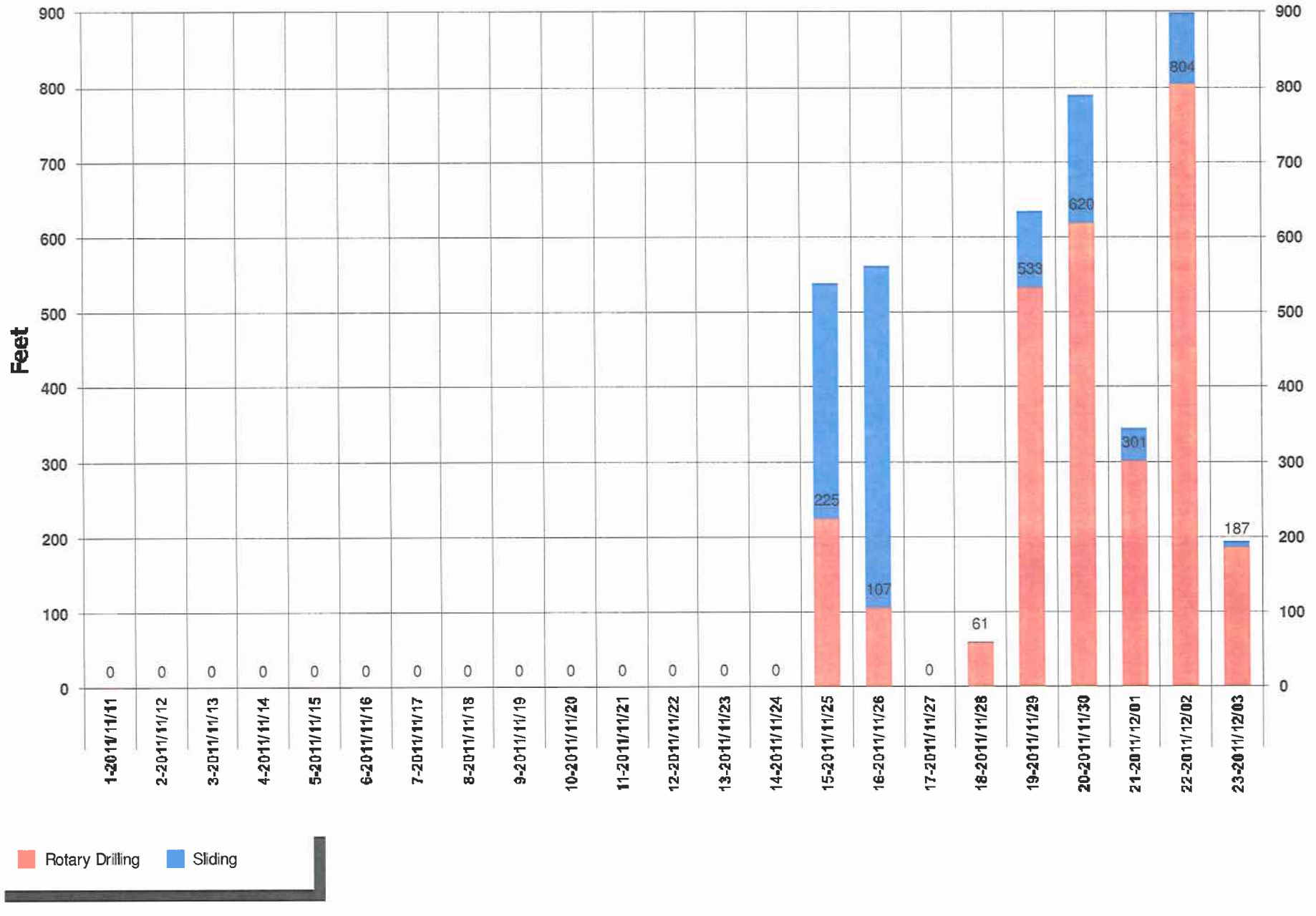
Activity Histograph



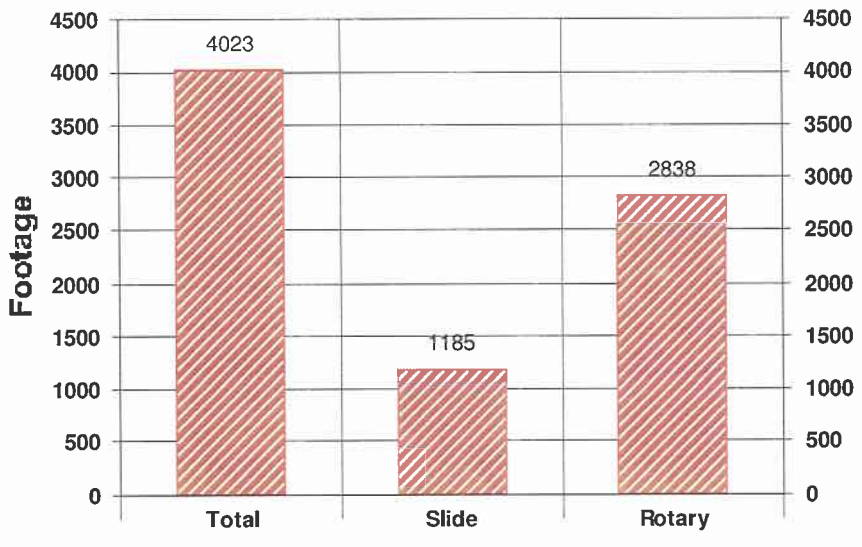
Measured Depth vs Days



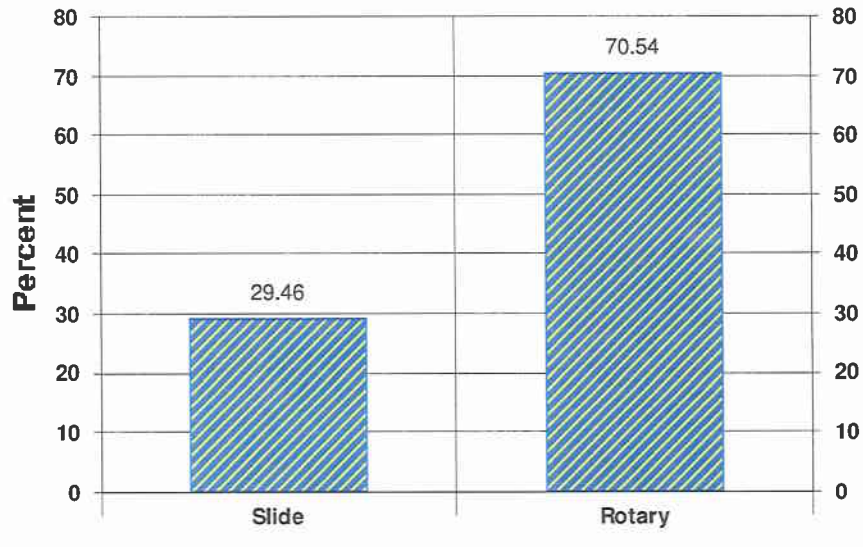
Daily Footage



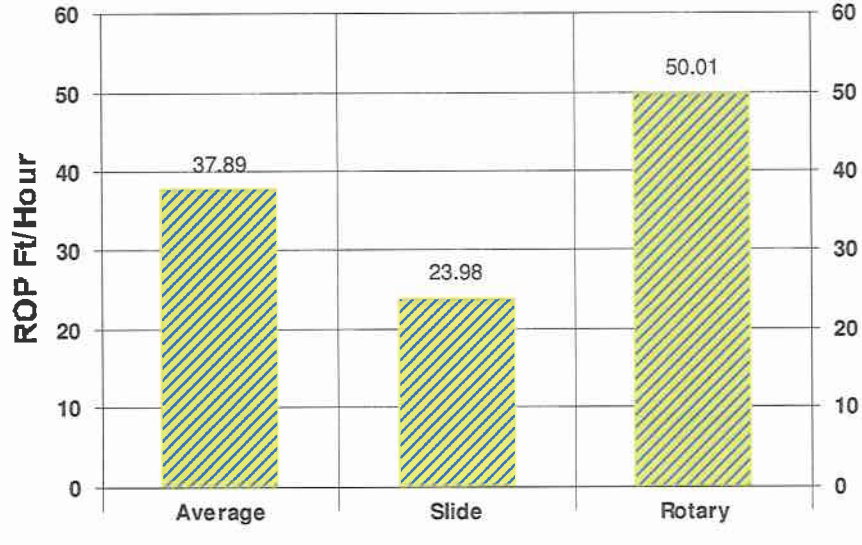
Footage Drilled Totals



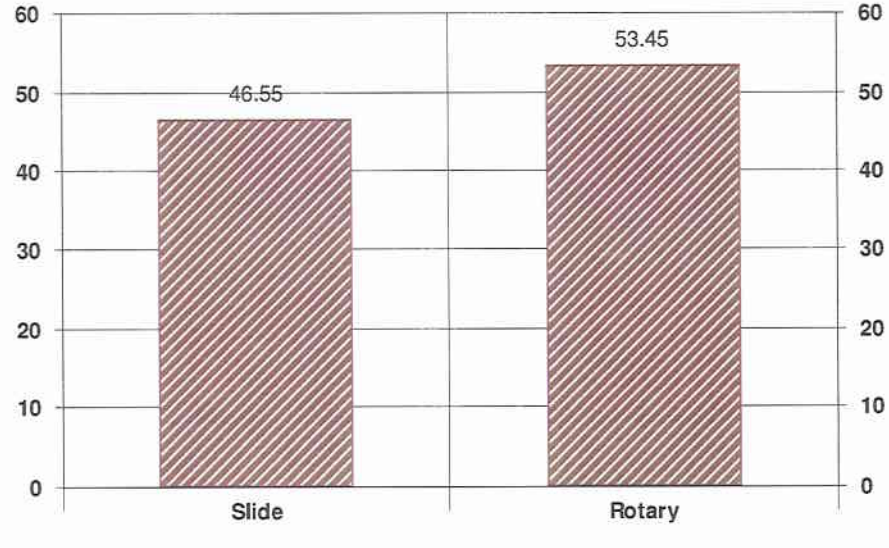
Footage Percent



Rate of Penetration Totals



Time Percent



Archer

Survey Certification Sheet

Report Date: 2-6-12

GWDS Job #: 3328-432-22

Operator: Berry Petroleum Co.
Well Name: LC Tribal 12H-6-56
API#: 43-013-22606
County/State: Duchesne Co., Utah
Well SHL: 2022' FSL & 750' FEL (NESE) Sec. 6-T5S-R6W
Well SHL: 40° 4' 26.738" N (NAD27)
110° 35' 40.312" W (NAD27)

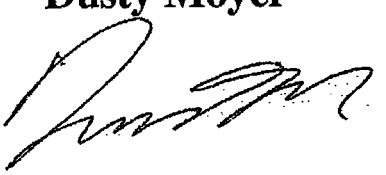
Drilling Rig Contractor: Patterson 779

Surveyed Dates: 11/14/11-11/21/11
Surveyed from a depth of: Pilot: 167.00' MD to 4859.00' MD

Type of Survey: MWD Surveys

The data and calculations for this survey have been checked by me and conform to the calibration standards and operational procedures set forth by Great White Directional Services, LLC. I am authorized and qualified to review the data, calculations and this report, and that the report represents a true and correct Directional Survey of this well based on the original data corrected to True North and obtained at the well site. Wellbore Coordinates are calculated using minimum curvature method.

Dusty Moyer



Archer - Well Planner

PO Box 427 • MILLS, WY 82644 • 63 CASPER VIEW COURT • MILLS, WY 82644
OFFICE (307) 472-7400 • FAX (307) 473-7200

Archer

Overlay Well &
Survey Report Full Well

Berry Petroleum Company
Project: Duchesne Co., UT (UT27C)
Site: Sec.6-T5S-R6W
Well: LC Tribal 12H-6-56
Wellbore: Wellbore #1
Design: Design #5
Lat: 40° 4' 26.738 N
Long: 110° 35' 40.312 W
Pad GL: 6462.00
KB: WELL @ 6482.00usft (Patterson 779)

Archer

PROJECT DETAILS: Duchesne Co., UT (UT27C)
Geodetic System: US State Plane 1927 (Exact solution) Datum: NAD 1927 (NADCON CONUS) Ellipsoid: Clarke 1866 Zone: Utah Central 4302 System Datum: Mean Sea Level

T M

Azimuths to True North
Magnetic North: 11.48°

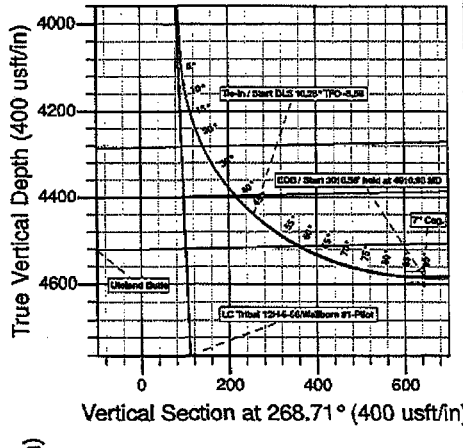
Magnetic Field
Strength: 52162.2snT
Dip Angle: 65.70°
Date: 11/11/2011
Model: IGRF2010

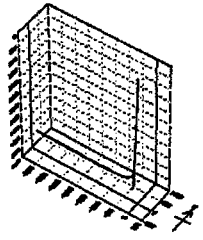
WELL DETAILS: LC Tribal 12H-6-56						
		Ground Level:	6462.00			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	635316.354	2253383.427	40° 4' 26.738 N	110° 35' 40.312 W	

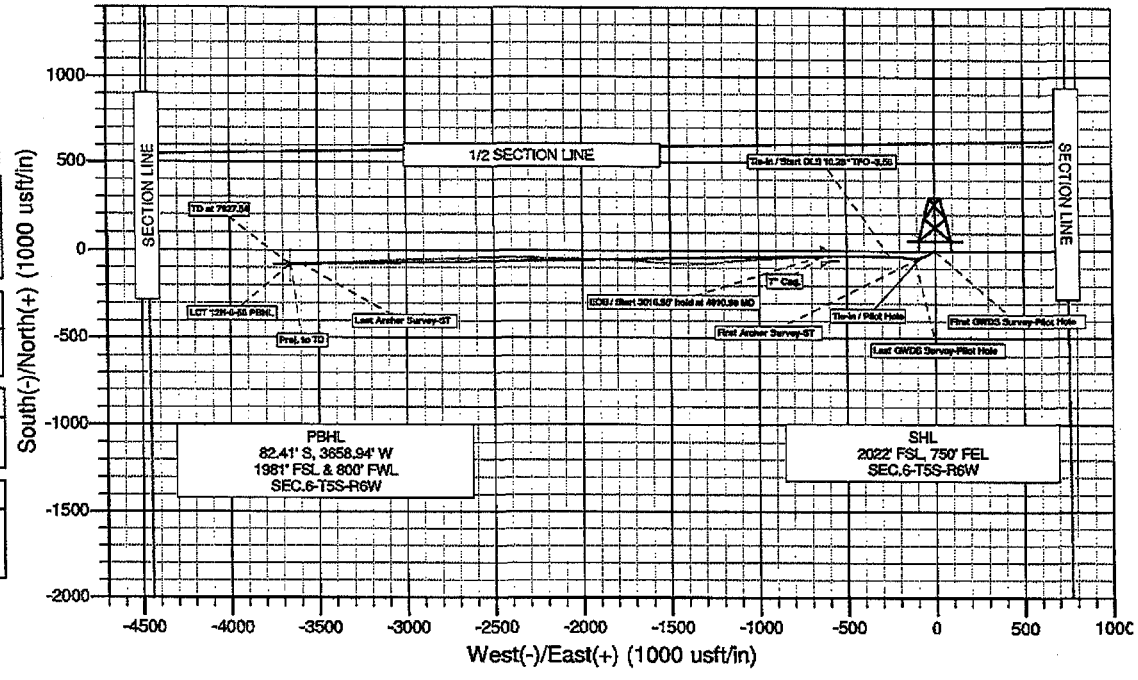
WELLBORE TARGET DETAILS (LAT/LONG)						
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
LCT 12H-6-56 PBHL	4514.00	-82.41	-3658.94	40° 4' 25.921 N	110° 36' 27.382 W	Point

CASING DETAILS			
TVD	MD	Name	Size
4584.00	4910.98	7" Csg.	7

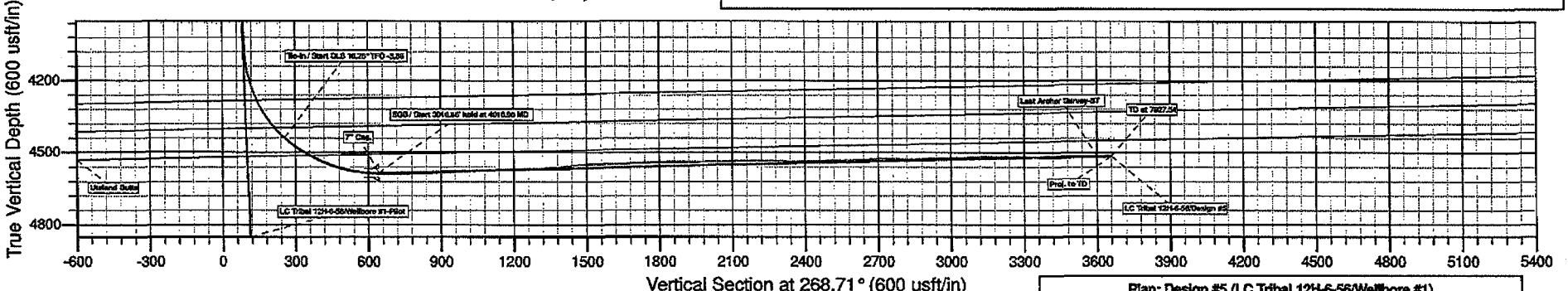
FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
4282.03	4290.88	U_CP
4396.58	4427.11	L_CP
4512.97	4613.08	Uteland Butte







SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
4487.00	47.81	271.46	4439.52	-30.62	-255.85	0.00	0.00	256.48	Tie-In / Start DLS 10.28° TFO -3.56
4910.98	91.33	269.01	4584.00	-30.27	-643.64	10.28	-3.56	644.16	EOB / Start 3016.56' hold at 4910.98 MD
7927.54	91.33	269.01	4513.98	-82.41	-3658.94	0.00	0.00	3659.87	TD at 7927.54



Plan: Design #5 (LC Tribal 12H-6-56/Wellbore #1)

Created By: Dusty Moyer Date: 14:58, February 06 2012

Archer

Berry Petroleum Company

Duchesne Co., UT (UT27C)
Sec.6-T5S-R6W
LC Tribal 12H-6-56

Wellbore #2-Curve/Lat

Design: Wellbore #2-Curve/Lat

Standard Survey Report

06 February, 2012

Archer

Archer
Survey Report

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6482.00usft (Patterson 779)
Site:	Sec.6-T5S-R6W	**MD Reference:**	WELL @ 6482.00usft (Patterson 779)
Well:	LC Tribal 12H-6-56	**North Reference:**	True
Wellbore:	Wellbore #2-Curve/Lat	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #2-Curve/Lat	**Database:**	EDMDBBW

Project Duchesne Co., UT (UT27C)

Map System:	US State Plane 1927 (Exact solution)	**System Datum:**	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site Sec.6-T5S-R6W

Site Position:		**Northing:**	635,316.363 usft	**Latitude:**	40° 4' 26.738 N
From:	Lat/Long	**Easting:**	2,253,383.427 usft	**Longitude:**	110° 35' 40.312 W
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16"	**Grid Convergence:**	0.58 °

Well LC Tribal 12H-6-56

Well Position	**+N/-S**	0.00 usft	**Northing:**	635,316.354 usft	**Latitude:**	40° 4' 26.738 N
	+E/-W	0.00 usft	**Easting:**	2,253,383.427 usft	**Longitude:**	110° 35' 40.312 W
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	usft	**Ground Level:**	6,462.00 usft

Wellbore Wellbore #2-Curve/Lat

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	2011/11/11	11.48	65.70	52,162

Design Wellbore #2-Curve/Lat

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	263.17

Survey Program **Date** 2012/02/06

From (usft)	**To (usft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
167.00	3,890.00	Survey #1-Pilot (Wellbore #1)	MWD	MWD - Standard
3,890.00	7,930.00	Survey #2-Crv/Lat (Wellbore #2-Curve/Lat	MWD	MWD - Standard

Survey

Measured Depth (usft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Vertical Section (usft)**	**Dogleg Rate (°/100usft)**	**Build Rate (°/100usft)**	**Turn Rate (°/100usft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
First GWDS Survey-Pilot Hole									
167.00	0.18	339.49	167.00	0.25	-0.09	0.06	0.11	0.11	0.00
349.00	0.26	305.39	349.00	0.75	-0.53	0.44	0.08	0.04	-18.74
533.00	0.88	295.10	532.99	1.59	-2.15	1.94	0.34	0.34	-5.59
718.00	1.19	248.78	717.96	1.50	-5.23	5.01	0.47	0.17	-25.04
901.00	1.23	245.80	900.92	0.01	-8.79	8.73	0.04	0.02	-1.63
963.00	1.76	250.81	962.90	-0.58	-10.30	10.29	0.88	0.85	8.08
1,048.00	1.67	253.35	1,047.86	-1.36	-12.71	12.79	0.14	-0.11	2.99
1,171.00	1.41	249.22	1,170.82	-2.41	-15.85	16.02	0.23	-0.21	-3.36
1,416.00	1.58	241.14	1,415.73	-5.11	-21.62	22.08	0.11	0.07	-3.30
1,666.00	1.76	234.11	1,665.63	-9.03	-27.75	28.63	0.11	0.07	-2.81

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6482.00usft (Patterson 779)
Site:	Sec.6-T5S-R6W	**MD Reference:**	WELL @ 6482.00usft (Patterson 779)
Well:	LC Tribal 12H-6-56	**North Reference:**	True
Wellbore:	Wellbore #2-Curve/Lat	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #2-Curve/Lat	**Database:**	EDMDBBW

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,918.00	1.54	224.97	1,917.52	-13.69	-33.28	34.67	0.14	-0.09	-3.63
2,140.00	1.67	228.92	2,139.44	-17.93	-37.83	39.69	0.08	0.06	1.78
2,334.00	0.92	236.22	2,333.39	-20.65	-41.25	43.41	0.40	-0.39	3.76
2,529.00	1.05	238.77	2,528.36	-22.45	-44.08	46.44	0.07	0.07	1.31
2,724.00	1.23	246.68	2,723.32	-24.20	-47.53	50.07	0.12	0.09	4.06
2,918.00	1.49	230.59	2,917.26	-26.63	-51.39	54.19	0.24	0.13	-8.29
3,113.00	1.76	232.44	3,112.19	-30.06	-55.72	58.90	0.14	0.14	0.95
3,307.00	2.02	252.65	3,306.08	-32.90	-61.35	64.82	0.37	0.13	10.42
3,501.00	2.41	261.18	3,499.94	-34.54	-68.64	72.26	0.26	0.20	4.40
3,695.00	2.02	251.60	3,693.79	-36.25	-75.92	79.69	0.28	-0.20	-4.94
Tie-In / Pilot Hole									
3,890.00	1.71	229.54	3,888.69	-39.22	-81.39	85.48	0.40	-0.16	-11.31
First Archer Survey-ST									
3,936.00	3.16	252.30	3,934.65	-40.05	-83.12	87.29	3.73	3.15	49.48
4,032.00	3.60	253.44	4,030.48	-41.71	-88.53	92.86	0.46	0.46	1.19
4,064.00	3.69	256.17	4,062.42	-42.25	-90.50	94.88	0.61	0.28	8.53
4,097.00	5.32	265.22	4,095.31	-42.63	-93.05	97.46	5.37	4.94	27.42
4,130.00	8.13	269.61	4,128.08	-42.77	-96.91	101.31	8.65	8.52	13.30
4,162.00	11.65	272.69	4,159.60	-42.64	-102.40	106.74	11.12	11.00	9.62
4,194.00	14.68	274.98	4,190.76	-42.13	-109.67	113.90	9.61	9.47	7.16
4,227.00	17.71	275.33	4,222.45	-41.30	-118.84	122.90	9.19	9.18	1.06
4,259.00	20.96	275.77	4,252.64	-40.27	-129.38	133.25	10.17	10.16	1.37
4,292.00	24.70	276.21	4,283.05	-38.94	-142.11	145.73	11.35	11.33	1.33
4,324.00	28.21	275.77	4,311.69	-37.45	-156.29	159.63	10.99	10.97	-1.37
4,357.00	31.99	275.33	4,340.24	-35.85	-172.76	175.79	11.47	11.45	-1.33
4,390.00	36.08	274.71	4,367.58	-34.24	-191.15	193.87	12.44	12.39	-1.88
4,422.00	39.95	273.83	4,392.78	-32.78	-210.80	213.20	12.21	12.09	-2.75
4,454.00	44.03	272.95	4,416.56	-31.52	-232.17	234.27	12.88	12.75	-2.75
4,487.00	47.81	271.46	4,439.52	-30.62	-255.85	257.68	11.90	11.45	-4.52
4,518.00	51.90	270.85	4,459.50	-30.15	-279.54	281.14	13.28	13.19	-1.97
4,550.00	55.77	270.49	4,478.38	-29.85	-305.37	306.75	12.13	12.09	-1.12
4,583.00	59.06	270.76	4,496.15	-29.54	-333.17	334.32	9.99	9.97	0.82
4,615.00	61.61	270.49	4,511.99	-29.24	-360.97	361.88	8.00	7.97	-0.84
4,647.00	64.34	271.20	4,526.52	-28.82	-389.47	390.13	8.76	8.53	2.22
4,680.00	67.19	272.08	4,540.07	-27.96	-419.54	419.89	8.97	8.64	2.67
4,712.00	71.10	271.99	4,551.46	-26.89	-449.42	449.43	12.22	12.22	-0.28
4,745.00	74.58	271.11	4,561.19	-26.04	-480.94	480.62	10.85	10.55	-2.67
4,777.00	78.00	270.58	4,568.78	-25.59	-512.02	511.43	10.81	10.69	-1.66
4,809.00	79.80	269.35	4,574.94	-25.61	-543.42	542.61	6.77	5.62	-3.84
4,840.00	80.82	269.70	4,580.16	-25.86	-573.97	572.98	3.47	3.29	1.13
4,873.00	82.88	269.70	4,584.83	-26.03	-606.64	605.43	6.24	6.24	0.00
4,905.00	86.44	271.02	4,587.81	-25.83	-638.49	637.04	11.86	11.12	4.12
4,976.00	91.54	264.87	4,589.06	-28.38	-709.38	707.72	11.25	7.18	-8.66
5,006.00	91.80	264.69	4,588.19	-31.10	-739.24	737.70	1.05	0.87	-0.60
5,037.00	92.42	265.13	4,587.05	-33.85	-770.10	768.66	2.45	2.00	1.42
5,069.00	92.55	265.04	4,585.66	-36.59	-801.95	800.61	0.49	0.41	-0.28
5,099.00	91.41	265.66	4,584.62	-39.02	-831.83	830.57	4.33	-3.80	2.07
5,131.00	90.92	266.36	4,583.97	-41.25	-863.75	862.53	2.67	-1.53	2.19
5,161.00	91.36	266.19	4,583.38	-43.20	-893.68	892.48	1.57	1.47	-0.57
5,194.00	92.50	266.54	4,582.27	-45.29	-926.59	925.41	3.61	3.45	1.06
5,226.00	94.22	267.33	4,580.39	-47.00	-958.49	957.28	5.91	5.37	2.47
5,258.00	93.99	266.71	4,578.10	-48.66	-990.36	989.13	2.06	-0.72	-1.94
5,291.00	91.63	265.66	4,576.48	-50.85	-1,023.25	1,022.04	7.83	-7.15	-3.18
5,324.00	90.62	265.40	4,575.83	-53.42	-1,056.14	1,055.01	3.16	-3.06	-0.79

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6482.00usft (Patterson 779)
Site:	Sec.6-T5S-R6W	**MD Reference:**	WELL @ 6482.00usft (Patterson 779)
Well:	LC Tribal 12H-6-56	**North Reference:**	True
Wellbore:	Wellbore #2-Curve/Lat	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #2-Curve/Lat	**Database:**	EDMDBBW

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,356.00	92.02	265.92	4,575.10	-55.84	-1,088.04	1,086.97	4.67	4.37	1.62
5,388.00	93.65	265.66	4,573.51	-58.19	-1,119.91	1,118.89	5.16	5.09	-0.81
5,420.00	92.29	264.61	4,571.86	-60.90	-1,151.75	1,150.83	5.37	-4.25	-3.28
5,452.00	90.00	263.11	4,571.22	-64.32	-1,183.56	1,182.82	8.55	-7.16	-4.69
5,484.00	89.65	262.76	4,571.31	-68.25	-1,215.32	1,214.82	1.55	-1.09	-1.09
5,516.00	91.41	264.69	4,571.02	-71.75	-1,247.12	1,246.81	8.18	5.50	6.03
5,549.00	93.38	266.27	4,569.64	-74.35	-1,279.99	1,279.75	7.65	5.97	4.79
5,580.00	94.09	266.80	4,567.62	-76.22	-1,310.87	1,310.63	2.86	2.29	1.71
5,613.00	94.83	268.12	4,565.05	-77.68	-1,343.73	1,343.44	4.58	2.24	4.00
5,646.00	95.84	269.97	4,561.99	-78.23	-1,376.56	1,376.12	6.37	3.06	5.61
5,678.00	96.06	270.85	4,558.67	-78.00	-1,408.41	1,407.70	2.82	0.69	2.75
5,711.00	95.67	271.55	4,555.30	-77.31	-1,441.23	1,440.20	2.42	-1.18	2.12
5,743.00	95.23	273.22	4,552.26	-75.99	-1,473.06	1,471.65	5.37	-1.37	5.22
5,776.00	93.25	274.10	4,549.82	-73.88	-1,505.90	1,504.01	6.56	-6.00	2.67
5,840.00	88.51	274.10	4,548.83	-69.31	-1,569.71	1,566.82	7.41	-7.41	0.00
5,873.00	89.74	274.54	4,549.34	-66.82	-1,602.61	1,599.19	3.96	3.73	1.33
5,905.00	91.89	274.54	4,548.88	-64.29	-1,634.50	1,630.56	6.72	6.72	0.00
5,937.00	93.43	274.01	4,547.40	-61.91	-1,666.38	1,661.93	5.09	4.81	-1.66
5,969.00	92.81	272.69	4,545.66	-60.04	-1,698.28	1,693.38	4.55	-1.94	-4.12
6,000.00	92.02	272.87	4,544.35	-58.54	-1,729.21	1,723.91	2.61	-2.55	0.58
6,033.00	92.50	273.83	4,543.05	-56.61	-1,762.13	1,756.37	3.25	1.45	2.91
6,065.00	92.64	273.04	4,541.61	-54.70	-1,794.04	1,787.83	2.50	0.44	-2.47
6,097.00	92.33	273.04	4,540.23	-53.00	-1,825.96	1,819.32	0.97	-0.97	0.00
6,129.00	90.46	272.25	4,539.44	-51.53	-1,857.92	1,850.88	6.29	-5.78	-2.47
6,162.00	88.90	272.16	4,539.62	-50.26	-1,890.89	1,883.47	4.80	-4.79	-0.27
6,192.00	89.78	271.90	4,539.97	-49.19	-1,920.87	1,913.11	3.06	2.93	-0.87
6,225.00	90.88	271.37	4,539.78	-48.25	-1,953.86	1,945.75	3.70	3.33	-1.61
6,257.00	91.23	270.76	4,539.19	-47.66	-1,985.85	1,977.44	2.20	1.09	-1.91
6,289.00	91.89	270.58	4,538.31	-47.28	-2,017.83	2,009.15	2.14	2.06	-0.56
6,322.00	91.23	271.20	4,537.42	-46.77	-2,050.82	2,041.84	2.74	-2.00	1.88
6,354.00	90.70	271.55	4,536.88	-46.00	-2,082.80	2,073.51	1.98	-1.66	1.09
6,386.00	91.32	271.37	4,536.31	-45.19	-2,114.79	2,105.17	2.02	1.94	-0.56
6,419.00	91.98	271.28	4,535.36	-44.43	-2,147.76	2,137.82	2.02	2.00	-0.27
6,451.00	91.45	271.11	4,534.41	-43.76	-2,179.74	2,169.50	1.74	-1.66	-0.53
6,484.00	89.52	271.02	4,534.13	-43.15	-2,212.73	2,202.18	5.85	-5.85	-0.27
6,516.00	89.25	271.20	4,534.47	-42.53	-2,244.73	2,233.87	1.01	-0.84	0.56
6,549.00	87.36	271.28	4,535.45	-41.81	-2,277.70	2,266.53	5.73	-5.73	0.24
6,581.00	88.24	271.64	4,536.67	-41.00	-2,309.67	2,298.17	2.97	2.75	1.12
6,613.00	89.74	271.28	4,537.24	-40.18	-2,341.65	2,329.83	4.82	4.69	-1.12
6,646.00	91.01	270.32	4,537.02	-39.72	-2,374.65	2,362.54	4.82	3.85	-2.91
6,678.00	91.71	269.35	4,536.26	-39.81	-2,406.64	2,394.31	3.74	2.19	-3.03
6,711.00	90.53	268.65	4,535.62	-40.39	-2,439.62	2,427.14	4.16	-3.58	-2.12
6,743.00	91.93	269.18	4,534.93	-41.00	-2,471.61	2,458.97	4.68	4.37	1.66
6,775.00	92.86	269.09	4,533.59	-41.48	-2,503.58	2,490.77	2.92	2.91	-0.28
6,808.00	91.49	268.30	4,532.34	-42.23	-2,536.54	2,523.59	4.79	-4.15	-2.39
6,840.00	90.75	268.12	4,531.72	-43.23	-2,568.52	2,555.46	2.38	-2.31	-0.56
6,873.00	90.88	268.03	4,531.25	-44.34	-2,601.50	2,588.33	0.48	0.39	-0.27
6,905.00	91.63	267.77	4,530.55	-45.51	-2,633.47	2,620.22	2.48	2.34	-0.81
6,936.00	92.72	268.12	4,529.37	-46.62	-2,664.43	2,651.09	3.69	3.52	1.13
6,969.00	92.94	268.56	4,527.74	-47.57	-2,697.37	2,683.91	1.49	0.67	1.33
7,001.00	92.07	268.21	4,526.34	-48.46	-2,729.33	2,715.75	2.93	-2.72	-1.09
7,034.00	88.81	267.94	4,526.09	-49.58	-2,762.31	2,748.62	9.91	-9.88	-0.82
7,066.00	88.11	267.94	4,526.95	-50.73	-2,794.27	2,780.50	2.19	-2.19	0.00
7,099.00	90.31	268.56	4,527.40	-51.74	-2,827.25	2,813.37	6.93	6.67	1.88

Company:	Berry Petroleum Company	**Local Co-ordinate Reference:**	Well LC Tribal 12H-6-56
Project:	Duchesne Co., UT (UT27C)	**TVD Reference:**	WELL @ 6482.00usft (Patterson 779)
Site:	Sec.6-T5S-R6W	**MD Reference:**	WELL @ 6482.00usft (Patterson 779)
Well:	LC Tribal 12H-6-56	**North Reference:**	True
Wellbore:	Wellbore #2-Curve/Lat	**Survey Calculation Method:**	Minimum Curvature
Design:	Wellbore #2-Curve/Lat	**Database:**	EDMDBBW

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,132.00	91.58	268.65	4,526.86	-52.54	-2,860.24	2,846.21	3.86	3.85	0.27
7,164.00	92.86	268.82	4,525.62	-53.25	-2,892.21	2,878.04	4.04	4.00	0.53
7,197.00	92.11	268.91	4,524.19	-53.90	-2,925.17	2,910.85	2.29	-2.27	0.27
7,229.00	90.22	268.30	4,523.54	-54.68	-2,957.15	2,942.69	6.21	-5.91	-1.91
7,261.00	89.91	268.12	4,523.50	-55.68	-2,989.14	2,974.57	1.12	-0.97	-0.56
7,294.00	90.44	267.86	4,523.40	-56.84	-3,022.11	3,007.45	1.79	1.61	-0.79
7,326.00	93.30	268.74	4,522.36	-57.79	-3,054.08	3,039.30	9.35	8.94	2.75
7,359.00	93.69	268.38	4,520.34	-58.62	-3,087.01	3,072.10	1.61	1.18	-1.09
7,391.00	90.75	267.24	4,519.11	-59.84	-3,118.98	3,103.97	9.85	-9.19	-3.56
7,423.00	90.92	267.59	4,518.64	-61.28	-3,150.92	3,135.87	1.22	0.53	1.09
7,456.00	91.10	267.15	4,518.06	-62.80	-3,183.88	3,168.76	1.44	0.55	-1.33
7,489.00	90.44	267.33	4,517.61	-64.38	-3,216.84	3,201.69	2.07	-2.00	0.55
7,520.00	88.95	268.21	4,517.78	-65.59	-3,247.81	3,232.59	5.58	-4.81	2.84
7,553.00	86.88	267.94	4,518.98	-66.70	-3,280.77	3,265.45	6.33	-6.27	-0.82
7,585.00	87.98	268.30	4,520.41	-67.75	-3,312.72	3,297.30	3.62	3.44	1.12
7,617.00	88.02	268.03	4,521.53	-68.77	-3,344.69	3,329.16	0.85	0.12	-0.84
7,649.00	88.24	267.59	4,522.56	-69.99	-3,376.65	3,361.03	1.54	0.69	-1.37
7,681.00	89.17	268.03	4,523.30	-71.22	-3,408.61	3,392.92	3.21	2.91	1.37
7,714.00	90.31	267.77	4,523.45	-72.42	-3,441.59	3,425.81	3.54	3.45	-0.79
7,746.00	92.15	268.91	4,522.76	-73.35	-3,473.57	3,457.67	6.76	5.75	3.56
7,779.00	92.37	269.00	4,521.46	-73.95	-3,506.54	3,490.48	0.72	0.67	0.27
7,811.00	91.01	269.00	4,520.52	-74.51	-3,538.52	3,522.30	4.25	-4.25	0.00
7,844.00	90.04	268.82	4,520.21	-75.14	-3,571.51	3,555.13	2.99	-2.94	-0.55
Last Archer Survey-ST									
7,876.00	91.19	269.09	4,519.87	-75.72	-3,603.50	3,586.96	3.69	3.59	0.84
Proj. to TD									
7,930.00	91.19	269.09	4,518.75	-76.58	-3,657.48	3,640.66	0.00	0.00	0.00

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates +N/-S (usft)	Local Coordinates +E/-W (usft)	Comment
167.00	167.00	0.25	-0.09	First GWDS Survey-Pilot Hole
3,890.00	3,888.69	-39.22	-81.39	Tie-In / Pilot Hole
3,936.00	3,934.65	-40.05	-83.12	First Archer Survey-ST
7,876.00	4,519.87	-75.72	-3,603.50	Last Archer Survey-ST
7,930.00	4,518.75	-76.58	-3,657.48	Proj. to TD

Checked By: _____ Approved By: _____ Date: _____

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2014**

FROM: (Old Operator):	**TO:** (New Operator):
Berry Petroelum Company, LLC N4075	Linn Operating, Inc. N4115
1999 Broadway Street , Suite 3700	1999 Broadway Street, Suite 3700
Denver, CO 80202	Denver, CO 80202
Phone: 1 (303) 999-4400	Phone: 1 (303) 999-4400

CA No. **Unit:** **Berry Pilot EOR 246-02 Brundage Canyon**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/13/2014
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/13/2014
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/17/2014
4a. Is the new operator registered in the State of Utah: _____ Business Number: 9031632-0143
5a. (R649-9-2)Waste Management Plan has been received on: N/A
5b. Inspections of LA PA state/fee well sites complete on: Yes
5c. Reports current for Production/Disposition & Sundries on: 6/17/2014
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA Not Yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/18/2014
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/18/2014
3. Bond information entered in RBDMS on: 6/23/2014
4. Fee/State wells attached to bond in RBDMS on: 6/23/2014
5. Injection Projects to new operator in RBDMS on: N/A
6. Receipt of Acceptance of Drilling Procedures for APD/New on: 6/18/2014
7. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: Yes

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: NMB000501
2. Indian well(s) covered by Bond Number: NMB000501
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number LPM9149893
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 6/23/2014

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR: Linn Operating, Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1999 Broadway, Ste 3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 999-4400

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Notice of Change of Operator from Berry Petroleum Company, LLC to Linn Operating, Inc., effective June 1, 2014. On December 16, 2013, Berry Petroleum Company became an indirect subsidiary of Linn Energy, LLC. As a result, Berry Petroleum Company converted into a limited liability company named, "Berry Petroleum Company, LLC". On March 5, 2014, Berry Petroleum Company, LLC authorized and empowered Linn Operating, Inc. to act as operator on its behalf. I have attached a copy of the original declaration amending the name change along with a copy of the agency agreement and power of attorney for the operator change.

RECEIVED
JUN 1 3 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT) Beverly Decker TITLE Sr Engineering Technician

SIGNATURE Beverly Decker DATE 6/1/2014

(This space for State use only)

APPROVED
JUN 18 2014
DIV. OIL GAS & MINING
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR: Berry Petroleum Company, LLC

9. API NUMBER:

3. ADDRESS OF OPERATOR: 1999 Broadway, Ste 3700 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 999-4400

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of operator
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On December 16th, 2013 Berry Petroleum Company and Linn Energy merged. As a result of this merger the companies name has changed to "Berry Petroleum Company, LLC". On March 5th, 2014 Berry Petroleum Company, LLC agreed that Linn Operating, Inc would become the operator of record effective June 1, 2014. I have attached a copy of the original declaration amending the name change along with a copy of the agency agreement and power of attorney for the operator change.

Should you have any questions please don't hesitate to contact me.

RECEIVED
JUN 1 3 2014
Div. of Oil, Gas & Mining

NAME (PLEASE PRINT) Beverly Decker TITLE Sr Engineering Technician

SIGNATURE Beverly Decker DATE 6/1/2014

(This space for State use only)

APPROVED
JUN 18 2014
DIV. OIL GAS & MINING
BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See Attached
API number:	
Location:	Qtr-Qtr: Section Township Range:
Company that filed original application:	Berry Petroleum Company LLC
Date original permit was issued:	
Company that permit was issued to:	Linn Operating, Inc

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
✓	**Transfer approved Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	**Yes**	**No**
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. LPM9149893	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Beverly Decker Title Sr Engineering Technician

Signature Beverly Decker Date

Representing (company name) Berry Petroleum Company LLC and Linn Operating, Inc

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	See Attached
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Berry Petroleum Company LLC
Date original permit was issued:	
Company that permit was issued to:	Linn Operating, Inc

Check one	Desired Action:
✓	**Transfer pending (unapproved) Application for Permit to Drill to new operator**
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	**Yes**	**No**
If located on private land, has the ownership changed?		✓
If so, has the surface agreement been updated?		
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		✓
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		✓
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		✓
Has the approved source of water for drilling changed?		✓
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		✓
Is bonding still in place, which covers this proposed well? Bond No. LPM9149893	✓	

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Beverly Decker Title Sr Engineering Technician

Signature Beverly Decker Date

Representing (company name) Berry Petroleum Company LLC and Linn Operating, Inc

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

Berry Petroleum Company, LLC N4075) to Linn Operating, Inc. (N4115)
Effective June 1, 2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
Z and T UTE TRIBAL 2-21	21	050S	040W	4301331280	11130	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 12-30-54	30	050S	040W	4301332747	14747	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 14-30-54	30	050S	040W	4301332748	14778	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 10-30D-54	30	050S	040W	4301332893	15246	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 6-30-54	30	050S	040W	4301332975	15300	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 1-21-54	21	050S	040W	4301333388	15937	Indian	WI	A	BRUNDAGE CANYON
UTE TRIBAL 13-17D-55	17	050S	050W	4301333550		Indian	OW	APD	
UTE TRIBAL 11-14D-54	14	050S	040W	4301333596		Indian	OW	APD	
UTE TRIBAL 16-17D-55	17	050S	050W	4301333622		Indian	OW	APD	
UTE TRIBAL 15-28D-55	28	050S	050W	4301333623		Indian	OW	APD	
LC TRIBAL 14-16D-56	16	050S	060W	4301334283		Indian	OW	APD	
FEDERAL 10-10D-65	10	060S	050W	4301350523		Federal	OW	APD	
LC TRIBAL 3-23D-56	23	050S	060W	4301350624		Indian	OW	APD	
FEDERAL 2-1D-64	1	060S	040W	4301350765		Federal	OW	APD	
FEDERAL 7-1D-64	1	060S	040W	4301350766		Federal	OW	APD	
FEDERAL 9-1D-64	1	060S	040W	4301350767		Federal	OW	APD	
LC TRIBAL 1-28D-56	28	050S	060W	4301350865		Indian	OW	APD	
LC TRIBAL 13H-9-56	10	050S	060W	4301350874		Indian	OW	APD	
CC FEE 8-24-38	24	030S	080W	4301350885		Fee	OW	APD	
LC TRIBAL 4H-26-56	26	050S	060W	4301350951		Indian	OW	APD	
LC FEE 4H-12-57	12	050S	070W	4301350952		Fee	OW	APD	
CC TRIBAL 4-2-48	2	040S	080W	4301350964		Indian	OW	APD	
LC TRIBAL 5H-34-45	34	040S	050W	4301350974		Indian	OW	APD	
LC TRIBAL 11-34-45	34	040S	050W	4301350975		Indian	OW	APD	
LC TRIBAL 7-2D-56	2	050S	060W	4301350988		Indian	OW	APD	
LC TRIBAL 10-18D-56	18	050S	060W	4301350989		Indian	OW	APD	
CC TRIBAL 4-30D-38	19	030S	080W	4301350993		Indian	OW	APD	
FEDERAL 4-1-65	1	060S	050W	4301351016		Federal	OW	APD	
LC TRIBAL 3-16D-56	16	050S	060W	4301351032		Indian	OW	APD	
CC FEE 6-21-38	21	030S	080W	4301351059		Fee	OW	APD	
LC TRIBAL 13H-28-45	28	040S	050W	4301351061		Indian	OW	APD	
LC TRIBAL 5H-23-45	23	040S	050W	4301351071		Indian	OW	APD	
LC TRIBAL 4H-27-45	27	040S	050W	4301351072		Indian	OW	APD	
LC TRIBAL 16-27-45	27	040S	050W	4301351074		Indian	OW	APD	
LC TRIBAL 12-27-45	27	040S	050W	4301351075		Indian	OW	APD	
LC TRIBAL 16-23-45	23	040S	050W	4301351077		Indian	OW	APD	
LC TRIBAL 12H-30-56	30	050S	060W	4301351133		Indian	OW	APD	
LC TRIBAL 5-29D-56	29	050S	060W	4301351184		Indian	OW	APD	
LC TRIBAL 12H-19-56	19	050S	060W	4301351193		Indian	OW	APD	
LC FEE 15-11D-56	11	050S	060W	4301351197		Fee	OW	APD	
LC TRIBAL 13H-10-56	11	050S	060W	4301351209		Indian	OW	APD	
LC TRIBAL 2-31D-45	31	040S	050W	4301351261		Indian	OW	APD	
LC TRIBAL 13H-24-45	24	040S	050W	4301351273		Indian	OW	APD	
UTE TRIBAL 6-21D-55	21	050S	050W	4301351274		Indian	OW	APD	
UTE TRIBAL 15-16D-55	16	050S	050W	4301351284		Indian	OW	APD	
UTE TRIBAL 4H-15-55	15	050S	050W	4301351292		Indian	OW	APD	
UTE TRIBAL 13H-14-54	14	050S	040W	4301351297		Indian	OW	APD	
UTE TRIBAL 1-32-55	32	050S	050W	4301351298		Indian	OW	APD	
UTE TRIBAL 4-21D-55	21	050S	050W	4301351299		Indian	OW	APD	
LC TRIBAL 12-33-45	33	040S	050W	4301351301		Indian	OW	APD	
UTE TRIBAL 16-15D-55	15	050S	050W	4301351302		Indian	OW	APD	
UTE TRIBAL 2-24-55	24	050S	050W	4301351304		Indian	OW	APD	
LC TRIBAL 11-32D-56	32	050S	060W	4301351315		Indian	OW	APD	
LC TRIBAL 1-32D-56	32	050S	060W	4301351317		Indian	OW	APD	
LC TRIBAL 5H-32-56	32	050S	060W	4301351318		Indian	OW	APD	
LC TRIBAL 5H-33-45	33	040S	050W	4301351338		Indian	OW	APD	
LC TRIBAL 14-28-45	28	040S	050W	4301351339		Indian	OW	APD	
LC TRIBAL 16-32D-45	32	040S	050W	4301351340		Indian	OW	APD	
LC TRIBAL 3-31-45	31	040S	050W	4301351347		Indian	OW	APD	
LC TRIBAL 1-18D-56	18	050S	060W	4301351367		Indian	OW	APD	
LC TRIBAL 9-18D-56	18	050S	060W	4301351368		Indian	OW	APD	
LC FEE 9-23D-56	23	050S	060W	4301351380		Fee	OW	APD	
LC TRIBAL 1-34D-45	34	040S	050W	4301351382		Indian	OW	APD	
LC TRIBAL 12-21D-56	21	050S	060W	4301351383		Indian	OW	APD	
LC TRIBAL 7-29D-56	29	050S	060W	4301351386		Indian	OW	APD	

UTE TRIBAL 6-15-55	15	050S	050W	4301351399		Indian	OW	APD	
UTE TRIBAL 13H-21-55	21	050S	050W	4301351403		Indian	OW	APD	
LC TRIBAL 6-16D-56	16	050S	060W	4301351406		Indian	OW	APD	
LC TRIBAL 3-14D-56	14	050S	060W	4301351408		Indian	OW	APD	
CC FEE 13-9D-37	9	030S	070W	4301351409		Fee	OW	APD	
CC FEE 16-21D-38	21	030S	080W	4301351410		Fee	OW	APD	
UTE TRIBAL 5H-10-54	10	050S	040W	4301351415		Indian	OW	APD	
LC TRIBAL 13-6D-57	6	050S	070W	4301351417		Indian	OW	APD	
LC TRIBAL 9-23-45	23	040S	050W	4301351432		Indian	OW	APD	
LC TRIBAL 5-28D-56	29	050S	060W	4301351441		Indian	OW	APD	
LC TRIBAL 15-20D-56	29	050S	060W	4301351443		Indian	OW	APD	
LC FEE 14-1-56	1	050S	060W	4301351457		Fee	OW	APD	
LC TRIBAL 5-3D-56	3	050S	060W	4301351459		Indian	OW	APD	
LC Tribal 16-33-45	33	040S	050W	4301351463		Indian	OW	APD	
LC TRIBAL 7-23D-56	23	050S	060W	4301351479		Indian	OW	APD	
LC TRIBAL 4-7-56	7	050S	060W	4301351482		Indian	OW	APD	
LC TRIBAL 3-2-56	2	050S	060W	4301351483		Indian	OW	APD	
LC TRIBAL 12H-23-56	23	050S	060W	4301351488		Indian	OW	APD	
CC TRIBAL 15-34D-38	2	040S	080W	4301351490		Indian	OW	APD	
CC TRIBAL 14-35D-38	2	040S	080W	4301351491		Indian	OW	APD	
CC TRIBAL 8-3D-48	2	040S	080W	4301351493		Indian	OW	APD	
LC TRIBAL 12HH-31-45	32	040S	050W	4301351499		Indian	OW	APD	
LC TRIBAL 1-10D-56	10	050S	060W	4301351510		Indian	OW	APD	
LC TRIBAL 3-10D-56	10	050S	060W	4301351511		Indian	OW	APD	
LC TRIBAL 7-10D-56	10	050S	060W	4301351512		Indian	OW	APD	
LC TRIBAL 9-29D-56	29	050S	060W	4301351513		Indian	OW	APD	
UTE TRIBAL 1-16-55	16	050S	050W	4301351519		Indian	OW	APD	
CC Tribal 3-27D-38	27	030S	080W	4301351604		Indian	OW	APD	
LC FEE 10-36D-56	36	050S	060W	4301351622		Fee	OW	APD	
Myrin Fee 3-16D-55	16	050S	050W	4301351633		Fee	OW	APD	
LC TRIBAL 12H-34-56	34	050S	060W	4301351634		Indian	OW	APD	
UTE FEE 12-16D-55	16	050S	050W	4301351635		Fee	OW	APD	
LC TRIBAL 15-27-56	27	050S	060W	4301351649		Indian	OW	APD	
LC TRIBAL 11-27D-56	27	050S	060W	4301351650		Indian	OW	APD	
LC TRIBAL 1-17-56	17	050S	060W	4301351704		Indian	OW	APD	
LC Tribal 13-11D-58	11	050S	080W	4301351708		Indian	OW	APD	
LC Tribal 15-11D-58	11	050S	080W	4301351709		Indian	OW	APD	
LC Tribal 4HW-8-56	8	050S	060W	4301351710		Indian	OW	APD	
LC FEE 1-11D-56	11	050S	060W	4301351712		Fee	OW	APD	
LC TRIBAL 3-11D-56	11	050S	060W	4301351713		Indian	OW	APD	
LC TRIBAL 7-11D-56	11	050S	060W	4301351714		Indian	OW	APD	
LC TRIBAL 9-34D-45	34	040S	050W	4301351717		Indian	OW	APD	
LC Tribal 8M-23-45	23	040S	050W	4301351722		Indian	OW	APD	
LC TRIBAL 4-34D-45	34	040S	050W	4301351723		Indian	OW	APD	
LC TRIBAL 7-34D-45	34	040S	050W	4301351724		Indian	OW	APD	
LC Tribal 3-14D-58	11	050S	080W	4301351726		Indian	OW	APD	
LC Tribal 11-11D-58	11	050S	080W	4301351729		Indian	OW	APD	
LC TRIBAL 8-31D-56	31	050S	060W	4301351746		Indian	OW	APD	
LC TRIBAL 13-34D-45	34	040S	050W	4301351747		Indian	OW	APD	
LC Fee 2-6D-57	6	050S	070W	4301351749		Fee	OW	APD	
LC Tribal 15-12D-58	12	050S	080W	4301351783		Indian	OW	APD	
LC Tribal 9-12D-58	12	050S	080W	4301351784		Indian	OW	APD	
LC Tribal 1-13D-58	12	050S	080W	4301351785		Indian	OW	APD	
LC Tribal 13-7D-57	12	050S	080W	4301351786		Indian	OW	APD	
LC Tribal 9-2D-58	2	050S	080W	4301351788		Indian	OW	APD	
LC Tribal 1-2D-58	2	050S	080W	4301351789		Indian	OW	APD	
LC Tribal 5-1D-58	2	050S	080W	4301351790		Indian	OW	APD	
LC TRIBAL 12-31D-56	31	050S	060W	4301351799		Indian	OW	APD	
LC TRIBAL 8-20D-56	20	050S	060W	4301351800		Indian	OW	APD	
LC TRIBAL 6-31D-56	31	050S	060W	4301351801		Indian	OW	APD	
LC Tribal 11-7D-57	7	050S	070W	4301351814		Indian	OW	APD	
LC Tribal 5-7D-57	7	050S	070W	4301351815		Indian	OW	APD	
LC Fee 15-6D-57	6	050S	070W	4301351816		Fee	OW	APD	
LC Tribal 11-6D-57	6	050S	070W	4301351817		Indian	OW	APD	
LC TRIBAL 9-27-56	27	050S	060W	4301351822		Indian	OW	APD	
LC TRIBAL 7-27D-56	27	050S	060W	4301351823		Indian	OW	APD	

LC Fee 7-31D-45	31	040S	050W	4301351857		Fee	OW	APD	
LC Tribal 5-31D-45	31	040S	050W	4301351858		Indian	OW	APD	
LC Tribal 8-33-45	33	040S	050W	4301351859		Indian	OW	APD	
LC Tribal 16-31-45	31	040S	050W	4301351863		Indian	OW	APD	
LC Tribal 7-23D-45	23	040S	050W	4301351865		Indian	OW	APD	
LC Tribal 1-23D-56	23	050S	060W	4301351866		Indian	OW	APD	
LC TRIBAL 1-19-56	19	050S	060W	4301351867		Indian	OW	APD	
LC TRIBAL 7-19D-56	19	050S	060W	4301351868		Indian	OW	APD	
LC TRIBAL 9-4D-56	4	050S	060W	4301351869		Indian	OW	APD	
LC Tribal 14-32D-45	32	040S	050W	4301351879		Indian	OW	APD	
LC TRIBAL 7-17D-56	17	050S	060W	4301351886		Indian	OW	APD	
LC TRIBAL 5-17D-56	17	050S	060W	4301351887		Indian	OW	APD	
LC FEE 4-32D-45	31	040S	050W	4301351892		Fee	OW	APD	
LC TRIBAL 9-2D-56	2	050S	060W	4301351893		Indian	OW	APD	
LC TRIBAL 1-2D-56	2	050S	060W	4301351894		Indian	OW	APD	
LC Tribal 15-23D-45	23	040S	050W	4301351895		Indian	OW	APD	
LC TRIBAL 11-34D-56	34	050S	060W	4301351900		Indian	OW	APD	
LC TRIBAL 9-5D-56	4	050S	060W	4301351901		Indian	OW	APD	
LC Tribal 10-28D-45	28	040S	050W	4301351903		Indian	OW	APD	
LC TRIBAL 13-20D-56	20	050S	060W	4301351904		Indian	OW	APD	
Ute Tribal 14-17-55	17	050S	050W	4301351908		Indian	OW	APD	
LC Tribal 3-27D-45	27	040S	050W	4301351911		Indian	OW	APD	
LC TRIBAL 9-34D-56	34	050S	060W	4301351914		Indian	OW	APD	
CC Fee 8R-9-37	9	030S	070W	4301351937		Fee	OW	APD	
LC Tribal 10-33D-45	33	040S	050W	4301351939		Indian	OW	APD	
LC Tribal 14-33D-45	33	040S	050W	4301351940		Indian	OW	APD	
LC Tribal 10-27D-45	27	040S	050W	4301351941		Indian	OW	APD	
LC Tribal 14-27D-45	27	040S	050W	4301351951		Indian	OW	APD	
LC Tribal 6-33D-45	33	040S	050W	4301351955		Indian	OW	APD	
LC Tribal 6-32D-45	32	040S	050W	4301351956		Indian	OW	APD	
Federal 3-11D-65	11	060S	050W	4301351982		Federal	OW	APD	
Federal 2-4-64	4	060S	040W	4301351983		Federal	OW	APD	
Federal 5-11D-65	11	060S	050W	4301351984		Federal	OW	APD	
Federal 7-4D-64	4	060S	040W	4301351985		Federal	OW	APD	
Federal 3-4D-64	4	060S	040W	4301351986		Federal	OW	APD	
Federal 8-4D-64	4	060S	040W	4301351988		Federal	OW	APD	
Federal 6-4D-64	4	060S	040W	4301351989		Federal	OW	APD	
Federal 7-9D-64	9	060S	040W	4301351990		Federal	OW	APD	
Federal 4-4D-64	4	060S	040W	4301351991		Federal	OW	APD	
Federal 9-4D-64	4	060S	040W	4301352004		Federal	OW	APD	
Federal 10-4D-64	4	060S	040W	4301352011		Federal	OW	APD	
Federal 3-9D-64	9	060S	040W	4301352015		Federal	OW	APD	
Federal 1-9D-64	9	060S	040W	4301352020		Federal	OW	APD	
Federal 6-9-64	9	060S	040W	4301352021		Federal	OW	APD	
Federal 8-9D-64	9	060S	040W	4301352023		Federal	OW	APD	
Federal 1-4D-64	4	060S	040W	4301352025		Federal	OW	APD	
Federal 16-4D-64	4	060S	040W	4301352026		Federal	OW	APD	
LC Tribal 10-23D-45	23	040S	050W	4301352029		Indian	OW	APD	
Federal 15-4D-64	4	060S	040W	4301352032		Federal	OW	APD	
Federal 5-9D-64	9	060S	040W	4301352035		Federal	OW	APD	
Federal 9-9D-64	9	060S	040W	4301352036		Federal	OW	APD	
Federal 11-9D-64	9	060S	040W	4301352037		Federal	OW	APD	
Federal 12-9D-64	9	060S	040W	4301352038		Federal	OW	APD	
Federal 13-9D-64	9	060S	040W	4301352039		Federal	OW	APD	
FEDERAL 14-9D-64	9	060S	040W	4301352040		Federal	OW	APD	
Federal 10-9D-64	9	060S	040W	4301352041		Federal	OW	APD	
Federal 2-9D-64	9	060S	040W	4301352042		Federal	OW	APD	
Federal 15-9D-64	9	060S	040W	4301352043		Federal	OW	APD	
Federal 16-9D-64	9	060S	040W	4301352044		Federal	OW	APD	
LC Tribal 10-32D-45	32	040S	050W	4301352065		Indian	OW	APD	
LC Tribal 16-28D-45	28	040S	050W	4301352073		Indian	OW	APD	
LC Tribal 15-24D-45	24	040S	050W	4301352074		Indian	OW	APD	
LC Tribal 13-17D-56	17	050S	060W	4301352076		Indian	OW	APD	
LC Tribal 15-17D-56	17	050S	060W	4301352077		Indian	OW	APD	
LC Tribal 5-26D-56	26	050S	060W	4301352097		Indian	OW	APD	
LC Tribal 11-26D-56	26	050S	060W	4301352098		Indian	OW	APD	

LC Tribal 13-26D-56	26	050S	060W	4301352099		Indian	OW	APD	
LC Tribal 2-27D-45	27	040S	050W	4301352100		Indian	OW	APD	
LC Tribal 8-27D-45	27	040S	050W	4301352101		Indian	OW	APD	
LC Tribal 4-9D-56	9	050S	060W	4301352102		Indian	OW	APD	
LC Tribal 8-32D-45	32	040S	050W	4301352135		Indian	OW	APD	
UTE Tribal 15-24D-54	24	050S	040W	4301352156		Indian	GW	APD	
UTE Tribal 9-24D-54	24	050S	040W	4301352157		Indian	GW	APD	
UTE Tribal 1-25D-54	25	050S	040W	4301352173		Indian	GW	APD	
UTE Tribal 9-25D-54	25	050S	040W	4301352177		Indian	GW	APD	
Myrin Tribal 9-10D-55	10	050S	050W	4301352189		Indian	OW	APD	
Myrin Tribal 16-10D-55	10	050S	050W	4301352190		Indian	OW	APD	
Myrin Tribal 10-10D-55	10	050S	050W	4301352191		Indian	OW	APD	
UTE Tribal 1-24D-54	24	050S	040W	4301352304		Indian	GW	APD	
UTE Tribal 7-24D-54	24	050S	040W	4301352306		Indian	GW	APD	
UTE Tribal 12-25D-54	25	050S	040W	4301352308		Indian	GW	APD	
UTE Tribal 4-13D-54	13	050S	040W	4301352321		Indian	GW	APD	
UTE Tribal 13-25D-54	25	050S	040W	4301352322		Indian	GW	APD	
Abbott Fee 1-6D-54	6	050S	040W	4301352324		Fee	OW	APD	
Abbott Fee 7-6D-54	6	050S	040W	4301352327		Fee	OW	APD	
UTE Tribal 3-24D-54	24	050S	040W	4301352347		Indian	GW	APD	
UTE Tribal 5-24D-54	24	050S	040W	4301352348		Indian	GW	APD	
State Tribal 7-12D-55	12	050S	050W	4301352369		Indian	OW	APD	
State Tribal 14-1D-55	1	050S	050W	4301352372		Indian	OW	APD	
State Tribal 11-1D-55	1	050S	050W	4301352373		Indian	OW	APD	
State Tribal 13-1D-55	1	050S	050W	4301352374		Indian	OW	APD	
State Tribal 12-2D-55	2	050S	050W	4301352391		Indian	OW	APD	
State Tribal 14-2D-55	2	050S	050W	4301352392		Indian	OW	APD	
State Tribal 13-2D-55	2	050S	050W	4301352393		Indian	OW	APD	
State Tribal 14-3D-55	3	050S	050W	4301352430		Indian	OW	APD	
State Tribal 11-3D-55	3	050S	050W	4301352434		Indian	OW	APD	
State Tribal 13-3D-55	3	050S	050W	4301352435		Indian	OW	APD	
UTE TRIBAL 2-5D-55	5	050S	050W	4301352450		Indian	OW	APD	
Ute Tribal 1-5D-55	5	050S	050W	4301352456		Indian	OW	APD	BRUNDAGE CANYON
Ute Tribal 7-5-55	5	050S	050W	4301352459		Indian	OW	APD	
Ute Tribal 3-16D-54	9	050S	040W	4301352467		Indian	OW	APD	
State Tribal 1-3D-55	3	050S	050W	4301352471		Indian	OW	APD	
State Tribal 2-3D-55	3	050S	050W	4301352472		Indian	OW	APD	
State Tribal 7-3D-55	3	050S	050W	4301352473		Indian	OW	APD	
State Tribal 8-3D-55	3	050S	050W	4301352474		Indian	OW	APD	
UTE FEE 10-9D-54	9	050S	040W	4301352475		Fee	OW	APD	
UTE FEE 12-9D-54	9	050S	040W	4301352476		Fee	OW	APD	
UTE FEE 16-9D-54	9	050S	040W	4301352478		Fee	OW	APD	
Ute Tribal 2-16D-54	9	050S	040W	4301352481		Indian	OW	APD	
Federal 14-6D-65	6	060S	050W	4301352495		Federal	OW	APD	
Federal 13-6D-65	6	060S	050W	4301352496		Federal	OW	APD	
Federal 11-6D-65	6	060S	050W	4301352497		Federal	OW	APD	
Federal 10-6D-65	6	060S	050W	4301352498		Federal	OW	APD	
State Tribal 3-3D-55	3	050S	050W	4301352532		Indian	OW	APD	
State Tribal 4-3D-55	3	050S	050W	4301352533		Indian	OW	APD	
State Tribal 5-3D-55	3	050S	050W	4301352535		Indian	OW	APD	
State Tribal 6-3D-55	3	050S	050W	4301352536		Indian	OW	APD	
Federal 2-7D-65	7	060S	050W	4301352537		Federal	OW	APD	
Federal 5-7D-65	7	060S	050W	4301352538		Federal	OW	APD	
Federal 4-7D-65	7	060S	050W	4301352541		Federal	OW	APD	
UTE FEE 11-9D-54	9	050S	040W	4301352544		Fee	OW	APD	
UTE TRIBAL 15-12D-55	12	050S	050W	4301352549		Indian	OW	APD	
UTE TRIBAL 6-5D-55	5	050S	050W	4301352556		Indian	OW	APD	
UTE TRIBAL 5-5D-55	5	050S	050W	4301352557		Indian	OW	APD	
UTE TRIBAL 4-5D-55	5	050S	050W	4301352558		Indian	OW	APD	
UTE TRIBAL 3-5D-55	5	050S	050W	4301352559		Indian	OW	APD	
Federal 3-7-65	7	060S	050W	4301352560		Federal	OW	APD	
Ute Tribal 9-11D-55	11	050S	050W	4301352564		Indian	OW	APD	
UTE TRIBAL 10-11D-55	11	050S	050W	4301352566		Indian	OW	APD	
UTE TRIBAL 15-11D-55	11	050S	050W	4301352567		Indian	OW	APD	
Federal 1-7D-65	6	060S	050W	4301352589		Federal	OW	APD	
Federal 16-6D-65	6	060S	050W	4301352590		Federal	OW	APD	

Federal 15-6D-65	6	060S	050W	4301352591		Federal	OW	APD
UTE TRIBAL 14-12D-55	12	050S	050W	4301352592		Indian	OW	APD
UTE TRIBAL 13-12D-55	12	050S	050W	4301352593		Indian	OW	APD
UTE TRIBAL 10-11D-54	11	050S	040W	4301352603		Indian	OW	APD
UTE TRIBAL 9-11D-54	11	050S	040W	4301352604		Indian	OW	APD
UTE TRIBAL 15-11-54	11	050S	040W	4301352605		Indian	OW	APD
UTE TRIBAL 16-11D-54	11	050S	040W	4301352606		Indian	OW	APD
UTE TRIBAL 14-11D-55	11	050S	050W	4301352610		Indian	OW	APD
UTE TRIBAL 13-11D-55	11	050S	050W	4301352611		Indian	OW	APD
UTE TRIBAL 12-11D-55	11	050S	050W	4301352612		Indian	OW	APD
UTE TRIBAL 11-11D-55	11	050S	050W	4301352613		Indian	OW	APD
Federal 6-7D-65	7	060S	050W	4301352682		Federal	OW	APD
Federal 11-7D-65	7	060S	050W	4301352683		Federal	OW	APD
Federal 10-7D-65	7	060S	050W	4301352684		Federal	OW	APD
Federal 7-7D-65	7	060S	050W	4301352685		Federal	OW	APD
UTE TRIBAL 14-30D-55	30	050S	050W	4301352687		Indian	OW	APD
UTE TRIBAL 13-30D-55	30	050S	050W	4301352688		Indian	OW	APD
UTE TRIBAL 12-30D-55	30	050S	050W	4301352689		Indian	OW	APD
UTE TRIBAL 11-30D-55	30	050S	050W	4301352690		Indian	OW	APD
UTE TRIBAL 7-17D-55	17	050S	050W	4301352691		Indian	OW	APD
UTE TRIBAL 6-17D-55	17	050S	050W	4301352692		Indian	OW	APD
UTE TRIBAL 3-17D-55	17	050S	050W	4301352693		Indian	OW	APD
UTE TRIBAL 2-17D-55	17	050S	050W	4301352694		Indian	OW	APD
UTE TRIBAL 4-17D-55	17	050S	050W	4301352695		Indian	OW	APD
State Tribal 3-12D-55	12	050S	050W	4301352697		Indian	OW	APD
State Tribal 4-12D-55	12	050S	050W	4301352698		Indian	OW	APD
UTE TRIBAL 12-31D-55	31	050S	050W	4301352699		Indian	OW	APD
UTE TRIBAL 13-31D-55	31	050S	050W	4301352700		Indian	OW	APD
UTE TRIBAL 14-31D-55	31	050S	050W	4301352701		Indian	OW	APD
UTE TRIBAL 14-13D-54	13	050S	040W	4301352702		Indian	OW	APD
UTE TRIBAL 11-31-55	31	050S	050W	4301352703		Indian	OW	APD
State Tribal 3-11D-55	11	050S	050W	4301352704		Indian	OW	APD
State Tribal 4-11D-55	11	050S	050W	4301352705		Indian	OW	APD
State Tribal 5-11D-55	11	050S	050W	4301352706		Indian	OW	APD
State Tribal 6-11D-55	11	050S	050W	4301352707		Indian	OW	APD
State Tribal 8-11D-55	11	050S	050W	4301352708		Indian	OW	APD
State Tribal 7-11D-55	11	050S	050W	4301352709		Indian	OW	APD
State Tribal 2-11D-55	11	050S	050W	4301352710		Indian	OW	APD
State Tribal 1-11D-55	11	050S	050W	4301352711		Indian	OW	APD
UTE TRIBAL 9-4D-55	4	050S	050W	4301352713		Indian	OW	APD
State Tribal 2-10D-55	10	050S	050W	4301352714		Indian	OW	APD
State Tribal 7-10D-55	10	050S	050W	4301352715		Indian	OW	APD
State Tribal 8-10D-55	10	050S	050W	4301352716		Indian	OW	APD
UTE TRIBAL 10-4D-55	4	050S	050W	4301352717		Indian	OW	APD
UTE TRIBAL 15-4D-55	4	050S	050W	4301352718		Indian	OW	APD
State Tribal 1-10D-55	10	050S	050W	4301352720		Indian	OW	APD
UTE TRIBAL 16-4D-55	4	050S	050W	4301352721		Indian	OW	APD
State Tribal 3-10D-55	10	050S	050W	4301352723		Indian	OW	APD
State Tribal 4-10D-55	10	050S	050W	4301352724		Indian	OW	APD
State Tribal 5-10D-55	10	050S	050W	4301352725		Indian	OW	APD
State Tribal 6-10D-55	10	050S	050W	4301352726		Indian	OW	APD
UTE TRIBAL 11-5D-55	5	050S	050W	4301352727		Indian	OW	APD
UTE TRIBAL 12-5D-55	5	050S	050W	4301352728		Indian	OW	APD
UTE TRIBAL 13-5D-55	5	050S	050W	4301352729		Indian	OW	APD
UTE TRIBAL 14-5D-55	5	050S	050W	4301352730		Indian	OW	APD
UTE TRIBAL 9-30D-55	30	050S	050W	4301352731		Indian	OW	APD
State Tribal 15-2D-55	2	050S	050W	4301352732		Indian	OW	APD
State Tribal 16-2D-55	2	050S	050W	4301352733		Indian	OW	APD
State Tribal 10-2D-55	2	050S	050W	4301352734		Indian	OW	APD
State Tribal 9-2D-55	2	050S	050W	4301352735		Indian	OW	APD
UTE TRIBAL 10-30D-55	30	050S	050W	4301352736		Indian	OW	APD
UTE TRIBAL 15-30D-55	30	050S	050W	4301352737		Indian	OW	APD
UTE TRIBAL 16-30D-55	30	050S	050W	4301352738		Indian	OW	APD
Myrin Tribal 9-19D-55	19	050S	050W	4301352739		Indian	OW	APD
State Tribal 16-3D-55	3	050S	050W	4301352740		Indian	OW	APD
State Tribal 15-3D-55	3	050S	050W	4301352741		Indian	OW	APD

State Tribal 10-3D-55	3	050S	050W	4301352742		Indian	OW	APD
State Tribal 9-3D-55	3	050S	050W	4301352743		Indian	OW	APD
Myrin Tribal 15-19D-55	19	050S	050W	4301352744		Indian	OW	APD
Myrin Tribal 13-19D-55	19	050S	050W	4301352745		Indian	OW	APD
Myrin Tribal 12-19D-55	19	050S	050W	4301352746		Indian	OW	APD
UTE TRIBAL 5-4D-55	4	050S	050W	4301352747		Indian	OW	APD
UTE TRIBAL 4-4D-55	4	050S	050W	4301352748		Indian	OW	APD
UTE TRIBAL 3-4D-55	4	050S	050W	4301352749		Indian	OW	APD
UTE TRIBAL 6-4D-55	4	050S	050W	4301352754		Indian	OW	APD
UTE TRIBAL 3-31D-55	31	050S	050W	4301352757		Indian	OW	APD
UTE TRIBAL 5-31D-55	31	050S	050W	4301352758		Indian	OW	APD
UTE TRIBAL 6-31D-55	31	050S	050W	4301352759		Indian	OW	APD
UTE TRIBAL 7-31D-55	31	050S	050W	4301352764		Indian	OW	APD
Myrin Tribal 11-19D-55	19	050S	050W	4301352765		Indian	OW	APD
Federal 8-14D-65	14	060S	050W	4301352767		Federal	OW	APD
Federal 7-14D-65	14	060S	050W	4301352768		Federal	OW	APD
Federal 2-14D-65	14	060S	050W	4301352769		Federal	OW	APD
Federal 1-14D-65	14	060S	050W	4301352770		Federal	OW	APD
UTE TRIBAL 8-5D-55	5	050S	050W	4301352773		Indian	OW	APD
UTE TRIBAL 4-31D-55	31	050S	050W	4301352795		Indian	OW	APD
UTE TRIBAL 4-30D-55	30	050S	050W	4301352796		Indian	OW	APD
UTE TRIBAL 5-30D-55	30	050S	050W	4301352797		Indian	OW	APD
UTE TRIBAL 7-30D-55	30	050S	050W	4301352799		Indian	OW	APD
Federal 1-13D-65	13	060S	050W	4301352800		Federal	OW	APD
Federal 7-13D-65	13	060S	050W	4301352802		Federal	OW	APD
UTE TRIBAL 1-30D-55	30	050S	050W	4301352809		Indian	OW	APD
LC TRIBAL 6-25D-56	25	050S	060W	4301352810		Indian	OW	APD
LC TRIBAL 4-25D-56	25	050S	060W	4301352812		Indian	OW	APD
Federal 6-13D-65	13	060S	050W	4301352813		Federal	OW	APD
Federal 4-13D-65	13	060S	050W	4301352814		Federal	OW	APD
Federal 3-13D-65	13	060S	050W	4301352815		Federal	OW	APD
Federal 3-16D-64	16	060S	040W	4301352823		Federal	OW	APD
Federal 4-16D-64	16	060S	040W	4301352824		Federal	OW	APD
Federal 5-16D-64	16	060S	040W	4301352825		Federal	OW	APD
Federal 6-16D-64	16	060S	040W	4301352826		Federal	OW	APD
Federal 5-13D-65	13	060S	050W	4301352827		Federal	OW	APD
LC TRIBAL 1-25D-56	25	050S	060W	4301352835		Indian	OW	APD
LC TRIBAL 2-25D-56	25	050S	060W	4301352836		Indian	OW	APD
LC TRIBAL 8-25D-56	25	050S	060W	4301352837		Indian	OW	APD
UTE FEE 1-13D-55	13	050S	050W	4301352838		Fee	OW	APD
LC TRIBAL 9-25D-56	25	050S	060W	4301352840		Indian	OW	APD
LC TRIBAL 15-25-56	25	050S	060W	4301352844		Indian	OW	APD
Federal 9-5D-65	5	060S	050W	4301352846		Federal	OW	APD
Federal 10-5D-65	5	060S	050W	4301352847		Federal	OW	APD
LC TRIBAL 16-25D-56	25	050S	060W	4301352848		Indian	OW	APD
LC TRIBAL 10-25D-56	25	050S	060W	4301352849		Indian	OW	APD
UTE TRIBAL 8-30D-55	29	050S	050W	4301352855		Indian	OW	APD
UTE TRIBAL 9-29D-55	29	050S	050W	4301352870		Indian	OW	APD
UTE TRIBAL 6-24D-55	24	050S	050W	4301352871		Indian	OW	APD
UTE TRIBAL 16-17D-55	17	050S	050W	4301352872		Indian	OW	APD
UTE TRIBAL 13-27D-55	27	050S	050W	4301352882		Indian	OW	APD
UTE TRIBAL 4-29D-55	29	050S	050W	4301352883		Indian	OW	APD
UTE TRIBAL 1-29D-55	29	050S	050W	4301352884		Indian	OW	APD
Federal 4-2D-65	2	060S	050W	4301352885		Federal	OW	APD
Federal 5-2D-65	2	060S	050W	4301352886		Federal	OW	APD
Federal 12-2D-65	2	060S	050W	4301352887		Federal	OW	APD
LC TRIBAL 12-25D-56	25	050S	060W	4301352888		Indian	OW	APD
LC TRIBAL 13-25D-56	25	050S	060W	4301352890		Indian	OW	APD
LC TRIBAL 14-25D-56	25	050S	060W	4301352891		Indian	OW	APD
Federal 15-3D-65	3	060S	050W	4301352892		Federal	OW	APD
Federal 9-3D-65	3	060S	050W	4301352893		Federal	OW	APD
Federal 8-3D-65	3	060S	050W	4301352894		Federal	OW	APD
Federal 6-3D-65	3	060S	050W	4301352895		Federal	OW	APD
UTE TRIBAL 6-28D-55	28	050S	050W	4301334056	18593	Indian	OW	DRL
MOON TRIBAL 9-27D-54	27	050S	040W	4301334108	19095	Indian	OW	DRL
LC TRIBAL 9-16D-56	16	050S	060W	4301350600	99999	Indian	OW	DRL

FEDERAL 15-6D-64	6	060S	040W	4301351219	18793	Federal	OW	DRL	
UTE TRIBAL 9-21D-55	21	050S	050W	4301351258	19401	Indian	OW	DRL	
STATE TRIBAL 2-12D-55	12	050S	050W	4301351310	19444	Indian	OW	DRL	
UTE TRIBAL 7-10D-54	10	050S	040W	4301351365	19391	Indian	OW	DRL	
LC TRIBAL 9-26D-56	26	050S	060W	4301351381	19433	Indian	OW	DRL	
UTE TRIBAL 8-17D-55	17	050S	050W	4301351413	19388	Indian	OW	DRL	
LC TRIBAL 9-24D-45	24	040S	050W	4301351431	18861	Indian	OW	DRL	
LC TRIBAL 2-29D-45	29	040S	050W	4301351705	99999	Indian	OW	DRL	
LC TAYLOR FEE 14-22D-56	22	050S	060W	4301351744	19508	Fee	OW	DRL	
LC FEE 14-6D-56	6	050S	060W	4301351787	18910	Fee	OW	DRL	
LC FEE 15-6-56	6	050S	060W	4301351792	19334	Fee	OW	DRL	
LC Fee 14-36D-56	36	050S	060W	4301351878	19376	Fee	OW	DRL	
LC Fee 12-36-56	36	050S	060W	4301351883	19377	Fee	OW	DRL	
LC Tribal 6-29D-45	29	040S	050W	4301351902	19402	Indian	OW	DRL	
Federal 4-6D-65	6	060S	050W	4301352005	19173	Federal	OW	DRL	
Federal 12-6D-65	6	060S	050W	4301352006	19174	Federal	OW	DRL	
UTE Tribal 14-18D-54	18	050S	040W	4301352213	19509	Indian	GW	DRL	
UTE Tribal 15-31D-55	31	050S	050W	4301352309	19472	Indian	GW	DRL	
UTE Tribal 16-31D-55	31	050S	050W	4301352318	19473	Indian	GW	DRL	
State Tribal 1-12D-55	12	050S	050W	4301352390	19445	Indian	OW	DRL	
State Tribal 16-6D-54	6	050S	040W	4301352394	19424	Indian	OW	DRL	
State Tribal 10-6D-54	6	050S	040W	4301352395	19425	Indian	OW	DRL	
State Tribal 9-6D-54	6	050S	040W	4301352396	19426	Indian	OW	DRL	
State Tribal 7-7D-54	7	050S	040W	4301352426	19496	Indian	OW	DRL	
State Tribal 1-7D-54	7	050S	040W	4301352427	19497	Indian	OW	DRL	
State Tribal 2-7D-54	7	050S	040W	4301352428	19498	Indian	OW	DRL	
State Tribal 3-7D-54	7	050S	040W	4301352429	19517	Indian	OW	DRL	
State Tribal 4-7D-54	7	050S	040W	4301352431	99999	Indian	OW	DRL	
State Tribal 5-7D-54	7	050S	040W	4301352432	99999	Indian	OW	DRL	
State Tribal 6-7D-54	7	050S	040W	4301352433	19518	Indian	OW	DRL	
State Tribal 11-6D-54	6	050S	040W	4301352452	19474	Indian	OW	DRL	
State Tribal 12-6D-54	6	050S	040W	4301352453	19475	Indian	OW	DRL	
State Tribal 13-6D-54	6	050S	040W	4301352454	19476	Indian	OW	DRL	
State Tribal 14-6D-54	6	050S	040W	4301352455	19477	Indian	OW	DRL	
Ute Tribal 1-9D-54	9	050S	040W	4301352465	19356	Indian	OW	DRL	
Ute Tribal 7-9D-54	9	050S	040W	4301352466	19357	Indian	OW	DRL	
UTE TRIBAL 12-5D-54	5	050S	040W	4301352480	19499	Indian	OW	DRL	
UTE TRIBAL 13-5D-54	5	050S	040W	4301352484	19500	Indian	OW	DRL	
UTE TRIBAL 14-5D-54	5	050S	040W	4301352493	19510	Indian	OW	DRL	
State Tribal 13-11D-54	10	050S	040W	4301352561	19519	Indian	OW	DRL	
State Tribal 1-18D-54	18	050S	040W	4301352568	19434	Indian	OW	DRL	
State Tribal 2-18D-54	18	050S	040W	4301352576	19427	Indian	OW	DRL	
State Tribal 8-18D-54	18	050S	040W	4301352577	19428	Indian	OW	DRL	
State Tribal 4-18D-54	18	050S	040W	4301352607	19435	Indian	OW	DRL	
State Tribal 3-18D-54	18	050S	040W	4301352608	19436	Indian	OW	DRL	
State Tribal 6-18D-54	18	050S	040W	4301352609	19437	Indian	OW	DRL	
State Tribal 5-12-55	12	050S	050W	4301352643	19446	Indian	OW	DRL	
State Tribal 12-12D-55	12	050S	050W	4301352644	19447	Indian	OW	DRL	
State Tribal 6-12D-55	12	050S	050W	4301352645	19438	Indian	OW	DRL	
State Tribal 16-1D-55	1	050S	050W	4301352646	19483	Indian	OW	DRL	
State Tribal 15-1D-55	1	050S	050W	4301352647	19484	Indian	OW	DRL	
State Tribal 10-1D-55	1	050S	050W	4301352648	19485	Indian	OW	DRL	
State Tribal 9-1D-55	1	050S	050W	4301352649	19486	Indian	OW	DRL	
LC FEE 16-15D-56	14	050S	060W	4301352655	19520	Fee	OW	DRL	
LC Tribal 2-22D-56	22	050S	060W	4301352663	99999	Indian	OW	DRL	
LC Tribal 3-22D-56	22	050S	060W	4301352664	99999	Indian	OW	DRL	
Federal 2-13-65	13	060S	050W	4301352801	19501	Federal	OW	DRL	
Federal 8-13D-65	13	060S	050W	4301352803	19502	Federal	OW	DRL	
Federal 12-8D-64	7	060S	040W	4301352832	99999	Federal	OW	DRL	
Federal 5-8D-64	7	060S	040W	4301352833	99999	Federal	OW	DRL	
Federal 4-8D-64	7	060S	040W	4301352834	99999	Federal	OW	DRL	
Federal 3-8D-64	5	060S	040W	4301352845	19503	Federal	OW	DRL	
LC TRIBAL 4H-31-56	31	050S	060W	4301351738		Indian	OW	NEW	
Federal 14-7D-65	31	050S	060W	4301351910		Indian	OW	NEW	
LC Fee 11-22-57	22	050S	070W	4301352127		Fee	OW	NEW	
LC Fee 13-22D-57	22	050S	070W	4301352131		Fee	OW	NEW	

LC Tribal 5-22D-57	22	050S	070W	4301352133		Indian	OW	NEW
LC Tribal 15-22D-57	22	050S	070W	4301352134		Indian	OW	NEW
LC Tribal 11-18D-56	18	050S	060W	4301352140		Indian	OW	NEW
LC Tribal 13-18D-56	18	050S	060W	4301352141		Indian	OW	NEW
LC Tribal 15-18D-56	18	050S	060W	4301352142		Indian	OW	NEW
LC Tribal 7-18D-56	18	050S	060W	4301352153		Indian	OW	NEW
LC Tribal 5-18D-56	18	050S	060W	4301352154		Indian	OW	NEW
LC Tribal 3-18-56	18	050S	060W	4301352155		Indian	OW	NEW
LC Tribal 6-19D-56	19	050S	060W	4301352247		Indian	OW	NEW
LC Tribal 4-19D-56	19	050S	060W	4301352248		Indian	OW	NEW
Abbott Fee 3-6D-54	6	050S	040W	4301352325		Fee	OW	NEW
LC Fee 9-11D-56	11	050S	060W	4301352479		Fee	OW	NEW
Williams Tribal 8-4D-54	4	050S	040W	4301352650		Indian	OW	NEW
Williams Tribal 7-4D-54	4	050S	040W	4301352651		Indian	OW	NEW
Williams Tribal 2-4D-54	4	050S	040W	4301352652		Indian	OW	NEW
Williams Tribal 1-4D-54	4	050S	040W	4301352653		Indian	OW	NEW
Federal 9-8D-64	9	060S	040W	4301352880		Federal	OW	NEW
Federal 16-8D-64	9	060S	040W	4301352881		Federal	OW	NEW
LC Nielsen Tribal 6-33D-56	33	050S	060W	4301352896		Indian	OW	NEW
LC Nielsen Tribal 2-33D-56	33	050S	060W	4301352897		Indian	OW	NEW
LC Nielsen Tribal 4-33D-56	33	050S	060W	4301352898		Indian	OW	NEW
LC Nielsen Tribal 5-33D-56	33	050S	060W	4301352899		Indian	OW	NEW
UTE FEE 13-9D-54	9	050S	040W	4301352906		Fee	OW	NEW
UTE FEE 2-34D-55	27	050S	050W	4301352971		Fee	OW	NEW
Federal 13-7D-65	7	060S	050W	4301352974		Federal	OW	NEW
Federal 14-7D-65	7	060S	050W	4301352975		Federal	OW	NEW
UTE TRIBAL 6-27D-55	27	050S	050W	4301352976		Indian	OW	NEW
LC Nielsen Tribal 12-27D-56	27	050S	060W	4301352977		Indian	OW	NEW
LC Nielsen Tribal 13-27D-56	27	050S	060W	4301352978		Indian	OW	NEW
LC Nielsen Tribal 16-28D-56	27	050S	060W	4301352979		Indian	OW	NEW
LC Nielsen Fee 9-28D-56	27	050S	060W	4301352980		Fee	OW	NEW
LC FEE 9-36D-56	36	050S	060W	4301352982		Fee	OW	NEW
LC FEE 15-36D-56	36	050S	060W	4301352983		Fee	OW	NEW
LC TRIBAL 6-36D-56	36	050S	060W	4301352984		Indian	OW	NEW
LC TRIBAL 5-36D-56	36	050S	060W	4301352985		Indian	OW	NEW
LC TRIBAL 4-36D-56	36	050S	060W	4301352986		Indian	OW	NEW
LC TRIBAL 3-36D-56	36	050S	060W	4301352987		Indian	OW	NEW
LC TRIBAL 2-35D-56	35	050S	060W	4301352988		Indian	OW	NEW
LC TRIBAL 1-35D-56	35	050S	060W	4301352989		Indian	OW	NEW
UTE TRIBAL 13-3R-54	3	050S	040W	4301330924	9488	Indian	OW	OPS
UTE TRIBAL 3-20D-55	20	050S	050W	4301333280	18424	Indian	OW	OPS
LC TRIBAL 4H-17-56	17	050S	060W	4301333540	18067	Indian	OW	OPS
LC TRIBAL 16-21-46	21	040S	060W	4301333575	16156	Indian	OW	OPS
UTE TRIBAL 8-20D-55	20	050S	050W	4301333676	17308	Indian	OW	OPS
UTE TRIBAL 14-14D-55	14	050S	050W	4301333699	18409	Indian	OW	OPS
UTE TRIBAL 5-29D-55	29	050S	050W	4301333740	17306	Indian	OW	OPS
UTE TRIBAL 7-32D-55	32	050S	050W	4301333794	18359	Indian	OW	OPS
UTE TRIBAL 12-27D-55	27	050S	050W	4301333798	18360	Indian	OW	OPS
FOY 9-33D-55	33	050S	050W	4301333802	17125	Fee	OW	OPS
BERRY TRIBAL 2-23D-54	23	050S	040W	4301333805	18546	Indian	OW	OPS
UTE TRIBAL 13-29D-55	29	050S	050W	4301333807	18378	Indian	OW	OPS
UTE TRIBAL 16-28D-55	28	050S	050W	4301333887	18594	Indian	OW	OPS
LC FEE 8-15D-56	15	050S	060W	4301350597	19347	Fee	OW	OPS
SFW FEE 13-10D-54	10	050S	040W	4301350892	19186	Fee	OW	OPS
SFW TRIBAL 11-10D-54	10	050S	040W	4301350893	19215	Indian	OW	OPS
LC TRIBAL 5HH-5-56	4	050S	060W	4301350927	18463	Indian	OW	OPS
LC TRIBAL 16-34D-45	34	040S	050W	4301350977	18658	Indian	OW	OPS
LC TRIBAL 3-4D-56	4	050S	060W	4301351000	18852	Indian	OW	OPS
FEDERAL 7-12D-65	12	060S	050W	4301351058	18717	Federal	OW	OPS
LC TRIBAL 2-33D-45	33	040S	050W	4301351402	18854	Indian	OW	OPS
LC TRIBAL 9-3D-56	3	050S	060W	4301351514	18948	Indian	OW	OPS
LC Tribal 3-34D-56	34	050S	060W	4301352087	19234	Indian	OW	OPS
LC Tribal 7-34D-56	34	050S	060W	4301352088	19235	Indian	OW	OPS
Ute Tribal 5-9D-54	9	050S	040W	4301352463	19354	Indian	OW	OPS
Ute Tribal 3-9D-54	9	050S	040W	4301352464	19355	Indian	OW	OPS
BC UTE TRIBAL 4-22	22	050S	040W	4301330755	2620	Indian	OW	P

B C UTE TRIBAL 16-16	16	050S	040W	4301330841	9489	Indian	OW	P	
B C UTE TRIBAL 14-15	15	050S	040W	4301330842	9440	Indian	OW	P	
UTE TRIBAL 1-32R	32	050S	040W	4301330872	13020	Indian	OW	P	
UTE TRIBAL 23-3R	23	050S	040W	4301330886	13034	Indian	OW	P	
S COTTONWOOD RIDGE UTE TRIBAL 1-19	19	050S	040W	4301330933	9845	Indian	OW	P	BRUNDAGE CANYON
TABBY CYN UTE TRIBAL 1-25	25	050S	050W	4301330945	9722	Indian	OW	P	
S BRUNDAGE UTE TRIBAL 1-30	30	050S	040W	4301330948	9850	Indian	OW	P	
SOWERS CYN UTE TRIBAL 3-26	26	050S	050W	4301330955	10423	Indian	OW	P	
UTE TRIBAL 3-24R-55 (REENTRY)	24	050S	050W	4301330960	15173	Indian	OW	P	
UTE TRIBAL 1-20	20	050S	040W	4301330966	9925	Indian	OW	P	
T C UTE TRIBAL 9-23X	23	050S	050W	4301330999	9720	Indian	OW	P	
UTE TRIBAL 15-24R	24	050S	050W	4301331129	11985	Indian	OW	P	
S BRUNDAGE CYN UTE TRIBAL 4-27	27	050S	040W	4301331131	9851	Indian	OW	P	
UTE TRIBAL 5-13	13	050S	050W	4301331152	10421	Indian	OW	P	
UTE TRIBAL 7-20R-54	20	050S	040W	4301331281	14088	Indian	OW	P	
Z and T UTE TRIBAL 7-19	19	050S	040W	4301331282	11131	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 13-19	19	050S	040W	4301331284	11134	Indian	OW	P	
Z and T UTE TRIBAL 7-25	25	050S	050W	4301331310	11416	Indian	OW	P	
UTE TRIBAL 13-17	17	050S	040W	4301331546	11921	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 11-19	19	050S	040W	4301331547	11920	Indian	OW	P	
UTE TRIBAL 13-22	22	050S	040W	4301331548	11926	Indian	OW	P	
UTE TRIBAL 1-28	28	050S	040W	4301331549	11925	Indian	OW	P	
UTE TRIBAL 4-30	30	050S	040W	4301331550	11914	Indian	OW	P	
UTE TRIBAL 15-16	16	050S	040W	4301331648	11951	Indian	OW	P	
UTE TRIBAL 16-18	18	050S	040W	4301331650	11946	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 5-20	20	050S	040W	4301331651	11957	Indian	OW	P	
UTE TRIBAL 15-23	23	050S	050W	4301331671	11989	Indian	OW	P	
TABBY CANYON 1-21	21	050S	050W	4301331699	12225	Indian	OW	P	
TABBY CANYON 8-22	22	050S	050W	4301331700	12008	Indian	OW	P	
SOWERS CANYON 9-27	27	050S	050W	4301331701	11997	Indian	OW	P	
UTE TRIBAL 3-19	19	050S	040W	4301331830	12197	Indian	OW	P	
UTE TRIBAL 9-19	19	050S	040W	4301331831	12175	Indian	OW	P	
UTE TRIBAL 15-19	19	050S	040W	4301331832	12180	Indian	OW	P	
UTE TRIBAL 2-25	25	050S	050W	4301331833	12153	Indian	OW	P	
UTE TRIBAL 3-25	25	050S	050W	4301331834	12152	Indian	OW	P	
UTE TRIBAL 11-24	24	050S	050W	4301331909	12190	Indian	OW	P	
UTE TRIBAL 13-24	24	050S	050W	4301331910	12217	Indian	OW	P	
UTE TRIBAL 11-25	25	050S	050W	4301331911	12182	Indian	OW	P	
UTE TRIBAL 1-26	26	050S	050W	4301331912	12235	Indian	OW	P	
UTE TRIBAL 2-19	19	050S	040W	4301332140	12795	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-25H	25	050S	050W	4301332143	12750	Indian	OW	P	
UTE TRIBAL 9-18	18	050S	040W	4301332144	12746	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 11-17	17	050S	040W	4301332145	12747	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 12-17	17	050S	040W	4301332146	12745	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 14-17	17	050S	040W	4301332147	12755	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 15-18	18	050S	040W	4301332148	12794	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-22	22	050S	040W	4301332163	12974	Indian	OW	P	
UTE TRIBAL 6-21	21	050S	040W	4301332164	12994	Indian	OW	P	
UTE TRIBAL 7-28	28	050S	040W	4301332166	12995	Indian	OW	P	
UTE TRIBAL 11-20	20	050S	040W	4301332168	12946	Indian	OW	P	
UTE TRIBAL 13-25	25	050S	050W	4301332169	12857	Indian	OW	P	
UTE TRIBAL 2-27	27	050S	040W	4301332179	12975	Indian	OW	P	
UTE TRIBAL 1-33	33	050S	040W	4301332185	13024	Indian	OW	P	
UTE TRIBAL 1-34	34	050S	040W	4301332186	13121	Indian	OW	P	
UTE TRIBAL 2-35	35	050S	050W	4301332187	13021	Indian	OW	P	
UTE TRIBAL 4-36	36	050S	050W	4301332188	13063	Indian	OW	P	
UTE TRIBAL 5-28	28	050S	040W	4301332189	13026	Indian	OW	P	
UTE TRIBAL 5-31	31	050S	040W	4301332190	13080	Indian	OW	P	
UTE TRIBAL 9-26	26	050S	040W	4301332191	13101	Indian	OW	P	
UTE TRIBAL 11-28	28	050S	040W	4301332192	13022	Indian	OW	P	
UTE TRIBAL 3-29	29	050S	040W	4301332193	13042	Indian	OW	P	
UTE TRIBAL 5-19	19	050S	040W	4301332204	13090	Indian	OW	P	
UTE TRIBAL 12-15	15	050S	040W	4301332205	13100	Indian	OW	P	
UTE TRIBAL 13-20	20	050S	040W	4301332206	13048	Indian	OW	P	
UTE TRIBAL 1-24-55	24	050S	050W	4301332259	13618	Indian	OW	P	
UTE TRIBAL 3-28-54	28	050S	040W	4301332261	13644	Indian	OW	P	

UTE TRIBAL 5-24-55	24	050S	050W	4301332263	13621	Indian	OW	P	
UTE TRIBAL 5-26-55	26	050S	050W	4301332264	13642	Indian	OW	P	
UTE TRIBAL 6-36-55	36	050S	050W	4301332265	13600	Indian	OW	P	
UTE TRIBAL 9-24-55	24	050S	050W	4301332268	13620	Indian	OW	P	
UTE TRIBAL 11-23-55	23	050S	050W	4301332269	13572	Indian	OW	P	
UTE TRIBAL 15-25-55	25	050S	050W	4301332271	13566	Indian	OW	P	
UTE TRIBAL 16-14-55	14	050S	050W	4301332272	13567	Indian	OW	P	
UTE TRIBAL 15-27-55	27	050S	050W	4301332339	14020	Indian	OW	P	
UTE TRIBAL 5-15-55	15	050S	050W	4301332344	13606	Indian	OW	P	
UTE TRIBAL 7-20-55	20	050S	050W	4301332346	13607	Indian	OW	P	
MOON TRIBAL 12-23-54	23	050S	040W	4301332347	14008	Indian	OW	P	
UTE TRIBAL 14-28-55	28	050S	050W	4301332348	13580	Indian	OW	P	
UTE TRIBAL 16-29-55	29	050S	050W	4301332349	13581	Indian	OW	P	
UTE TRIBAL 2-32-55	32	050S	050W	4301332350	13695	Indian	OW	P	
UTE TRIBAL 16-35-55	35	050S	050W	4301332352	14267	Indian	OW	P	
UTE TRIBAL 10-35-55	35	050S	050W	4301332353	13645	Indian	OW	P	
UTE TRIBAL 12-36-55	36	050S	050W	4301332354	13643	Indian	OW	P	
UTE TRIBAL 14-36-55	36	050S	050W	4301332355	14262	Indian	OW	P	
UTE TRIBAL 16-36-55	36	050S	050W	4301332356	14122	Indian	OW	P	
UTE TRIBAL 4-33-55	33	050S	050W	4301332357	13685	Indian	OW	P	
UTE TRIBAL 15-17-55	17	050S	050W	4301332358	13698	Indian	OW	P	
UTE TRIBAL 12-14-54	14	050S	040W	4301332369	13647	Indian	OW	P	
UTE TRIBAL 3-20-54	20	050S	040W	4301332377	13955	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 4-21-54	21	050S	040W	4301332378	13907	Indian	OW	P	
UTE TRIBAL 9-20-54	20	050S	040W	4301332379	13906	Indian	OW	P	
UTE TRIBAL 5-30-54	30	050S	040W	4301332380	13905	Indian	OW	P	
UTE TRIBAL 16-21-54	21	050S	040W	4301332381	13912	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 15-30-54	30	050S	040W	4301332382	13944	Indian	OW	P	
UTE TRIBAL 9-30-54	30	050S	040W	4301332383	14050	Indian	OW	P	
UTE TRIBAL 14-21-54	21	050S	040W	4301332384	13946	Indian	OW	P	
UTE TRIBAL 12-21-54	21	050S	040W	4301332385	13928	Indian	OW	P	
UTE TRIBAL 15-20-54	20	050S	040W	4301332386	13911	Indian	OW	P	
UTE TRIBAL 13-28-54	28	050S	040W	4301332387	13908	Indian	OW	P	
UTE TRIBAL 9-28-54	28	050S	040W	4301332388	13910	Indian	OW	P	
UTE TRIBAL 15-28-54	28	050S	040W	4301332389	13909	Indian	OW	P	
UTE TRIBAL 9-25-55	25	050S	050W	4301332390	13715	Indian	OW	P	
MOON TRIBAL 6-27-54	27	050S	040W	4301332407	13969	Indian	OW	P	
MOON TRIBAL 14-27-54	27	050S	040W	4301332408	13998	Indian	OW	P	
UTE TRIBAL 3-32-54	32	050S	040W	4301332410	13949	Indian	OW	P	
UTE TRIBAL 7-32-54	32	050S	040W	4301332411	13936	Indian	OW	P	
UTE TRIBAL 7-33-54	33	050S	040W	4301332413	13945	Indian	OW	P	
UTE TRIBAL 11-20-55	20	050S	050W	4301332415	14269	Indian	OW	P	
UTE TRIBAL 1-27-55	27	050S	050W	4301332416	13947	Indian	OW	P	
UTE TRIBAL 3-27-55	27	050S	050W	4301332417	14022	Indian	OW	P	
UTE TRIBAL 7-27-55	27	050S	050W	4301332418	13948	Indian	OW	P	
UTE TRIBAL 10-28-55	28	050S	050W	4301332419	14580	Indian	OW	P	
UTE TRIBAL 6-32-55	32	050S	050W	4301332420	14895	Indian	OW	P	
UTE TRIBAL 8-32-55	32	050S	050W	4301332421	14896	Indian	OW	P	
UTE TRIBAL 2-36-55	36	050S	050W	4301332422	13937	Indian	OW	P	
UTE TRIBAL 8-36-55	36	050S	050W	4301332423	14021	Indian	OW	P	
UTE TRIBAL 13-16-54	16	050S	040W	4301332511	13981	Indian	OW	P	
UTE TRIBAL 13-23-55	23	050S	050W	4301332513	13975	Indian	OW	P	
UTE TRIBAL 7-23-55	23	050S	050W	4301332514	13976	Indian	OW	P	
UTE TRIBAL 5-33-54	33	050S	040W	4301332521	14060	Indian	OW	P	
UTE TRIBAL 11-33-54	33	050S	040W	4301332522	14061	Indian	OW	P	
UTE TRIBAL 14-32-54	32	050S	040W	4301332523	14062	Indian	OW	P	
UTE TRIBAL 1-23-55	23	050S	050W	4301332524	14044	Indian	OW	P	
UTE TRIBAL 5-29-54	29	050S	040W	4301332525	14045	Indian	OW	P	
UTE TRIBAL 1-31-54	31	050S	040W	4301332526	14116	Indian	OW	P	
UTE TRIBAL 3-31-54	31	050S	040W	4301332527	14109	Indian	OW	P	
UTE TRIBAL 7-31-54	31	050S	040W	4301332528	14160	Indian	OW	P	
UTE TRIBAL 9-31-54	31	050S	040W	4301332529	14177	Indian	OW	P	
UTE TRIBAL 11-31-54	31	050S	040W	4301332530	14163	Indian	OW	P	
UTE TRIBAL 3-23-55	23	050S	050W	4301332536	14077	Indian	OW	P	
UTE TRIBAL 5-23-55	23	050S	050W	4301332537	14108	Indian	OW	P	
UTE TRIBAL 9-32-54	32	050S	040W	4301332538	14199	Indian	OW	P	

UTE TRIBAL 5-32-54	32	050S	040W	4301332539	14112	Indian	OW	P	
MOON TRIBAL 10-27-54	27	050S	040W	4301332540	14195	Indian	OW	P	
MOON TRIBAL 12-27-54	27	050S	040W	4301332541	14161	Indian	OW	P	
MOON TRIBAL 8-27-54	27	050S	040W	4301332543	14139	Indian	OW	P	
UTE TRIBAL 9-33-54	33	050S	040W	4301332549	14162	Indian	OW	P	
WILLIAMSON TRIBAL 3-34-54	34	050S	040W	4301332550	14222	Indian	OW	P	
WILLIAMSON TRIBAL 5-34-54	34	050S	040W	4301332551	14235	Indian	OW	P	
FEDERAL 6-2-65	2	060S	050W	4301332557	14655	Federal	OW	P	
UTE TRIBAL 15-29-54	29	050S	040W	4301332561	14316	Indian	OW	P	
UTE TRIBAL 7-29-54	29	050S	040W	4301332562	14354	Indian	OW	P	
UTE TRIBAL 11-29-54	29	050S	040W	4301332563	14337	Indian	OW	P	
UTE TRIBAL 13-29-54	29	050S	040W	4301332564	14315	Indian	OW	P	
UTE TRIBAL 4-29-54	29	050S	040W	4301332565	14367	Indian	OW	P	
UTE TRIBAL 9-29-54	29	050S	040W	4301332566	14369	Indian	OW	P	
UTE TRIBAL 1-35-54	35	050S	040W	4301332567	14266	Indian	OW	P	
UTE TRIBAL 11-13-54	13	050S	040W	4301332568	14281	Indian	OW	P	
UTE TRIBAL 6-24-54	24	050S	040W	4301332570	14299	Indian	OW	P	
UTE TRIBAL 13-18-54	18	050S	040W	4301332571	14388	Indian	OW	P	
UTE TRIBAL 12-29-54	29	050S	040W	4301332572	14336	Indian	OW	P	
UTE TRIBAL 4-24-54	24	050S	040W	4301332573	14247	Indian	OW	P	
UTE TRIBAL 6-14-54	14	050S	040W	4301332586	15270	Indian	OW	P	
UTE TRIBAL 10-15-54	15	050S	040W	4301332587	14194	Indian	OW	P	
UTE TRIBAL 16-15-54	15	050S	040W	4301332588	14311	Indian	OW	P	
UTE TRIBAL 11-16-54	16	050S	040W	4301332589	14178	Indian	OW	P	
UTE TRIBAL 8-22-54	22	050S	040W	4301332590	14219	Indian	OW	P	
UTE TRIBAL 2-22-54	22	050S	040W	4301332591	14328	Indian	OW	P	
UTE TRIBAL 10-22-54	22	050S	040W	4301332592	14218	Indian	OW	P	
UTE TRIBAL 14-22-54	22	050S	040W	4301332593	14220	Indian	OW	P	
UTE TRIBAL 13-13-55	13	050S	050W	4301332599	15134	Indian	OW	P	
UTE TRIBAL 13-14-55	14	050S	050W	4301332600	14236	Indian	OW	P	
UTE TRIBAL 13-15-55	15	050S	050W	4301332602	14263	Indian	OW	P	
UTE TRIBAL 10-21-55	21	050S	050W	4301332603	14385	Indian	OW	P	
UTE TRIBAL 2-22-55	22	050S	050W	4301332604	14268	Indian	OW	P	
UTE TRIBAL 3-22-55	22	050S	050W	4301332605	14298	Indian	OW	P	
UTE TRIBAL 9-22-55	22	050S	050W	4301332606	14330	Indian	OW	P	
UTE TRIBAL 11-22-55	22	050S	050W	4301332607	14329	Indian	OW	P	
UTE TRIBAL 5-27-55	27	050S	050W	4301332614	14881	Indian	OW	P	
UTE TRIBAL 11-27-55	27	050S	050W	4301332615	14882	Indian	OW	P	
UTE TRIBAL 12-22-55	22	050S	050W	4301332616	14370	Indian	OW	P	
UTE TRIBAL 15-22-55	22	050S	050W	4301332617	14921	Indian	OW	P	
UTE TRIBAL 8-25-55	25	050S	050W	4301332620	14365	Indian	OW	P	
UTE TRIBAL 4-20-54	20	050S	040W	4301332621	14518	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-20-54	20	050S	040W	4301332622	14382	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 5-22-54	22	050S	040W	4301332624	14547	Indian	OW	P	
UTE TRIBAL 3-30-54	30	050S	040W	4301332625	14364	Indian	OW	P	
UTE TRIBAL 3-10-54	10	050S	040W	4301332663	14414	Indian	OW	P	
UTE TRIBAL 11-5-54	5	050S	040W	4301332664	14415	Indian	OW	P	
UTE TRIBAL 15-32-54	32	050S	040W	4301332666	14460	Indian	OW	P	
UTE TRIBAL 8-31-55	31	050S	050W	4301332673	14407	Indian	OW	P	
UTE TRIBAL 3-35-54	35	050S	040W	4301332675	14656	Indian	OW	P	
UTE TRIBAL 2-30-55	30	050S	050W	4301332680	14427	Indian	OW	P	
UTE TRIBAL 9-17-54	17	050S	040W	4301332687	15309	Indian	OW	P	
UTE TRIBAL 13-31-54	31	050S	040W	4301332688	14517	Indian	OW	P	
UTE TRIBAL 14-19-54	19	050S	040W	4301332690	14546	Indian	OW	P	
UTE TRIBAL 16-19-54	19	050S	040W	4301332691	14491	Indian	OW	P	
UTE TRIBAL 13-32-54	32	050S	040W	4301332692	14490	Indian	OW	P	
UTE TRIBAL 11-14-55	14	050S	050W	4301332693	15136	Indian	OW	P	
UTE TRIBAL 8-28-55	28	050S	050W	4301332694	14574	Indian	OW	P	
FEDERAL 6-1-65	1	060S	050W	4301332699	15776	Federal	OW	P	
UTE TRIBAL 9-15-55	15	050S	050W	4301332701	14573	Indian	OW	P	
UTE TRIBAL 14-20-54	20	050S	040W	4301332702	14459	Indian	OW	P	
#1 DLB 12-15-56	15	050S	060W	4301332710	14943	Fee	GW	P	
UTE TRIBAL 12-19-54	19	050S	040W	4301332716	14627	Indian	OW	P	
UTE TRIBAL 10-19-54	19	050S	040W	4301332717	14628	Indian	OW	P	
UTE TRIBAL 16-30-54	30	050S	040W	4301332718	14604	Indian	OW	P	
UTE TRIBAL 11-12-55	12	050S	050W	4301332721	14605	Indian	OW	P	

NIELSEN MARSING 13-14-56	14	050S	060W	4301332737	15060	Fee	OW	P	
TAYLOR HERRICK 10-22-56	22	050S	060W	4301332738	15058	Fee	OW	P	
UTE TRIBAL 16-20-54	20	050S	040W	4301332739	14671	Indian	OW	P	
UTE TRIBAL 10-20-54	20	050S	040W	4301332740	14691	Indian	OW	P	
UTE TRIBAL 4-28-54	28	050S	040W	4301332741	14672	Indian	OW	P	
UTE TRIBAL 13-33-54	33	050S	040W	4301332742	14736	Indian	OW	P	
UTE TRIBAL 15-31-54	31	050S	040W	4301332743	14690	Indian	OW	P	
UTE TRIBAL 8-30-54	30	050S	040W	4301332746	15583	Indian	OW	P	
UTE TRIBAL 10-25-55	25	050S	050W	4301332749	14758	Indian	OW	P	
UTE TRIBAL 14-25-55	25	050S	050W	4301332750	14798	Indian	OW	P	
UTE TRIBAL 3-36-55	36	050S	050W	4301332751	14842	Indian	OW	P	
UTE TRIBAL 16-16-55	16	050S	050W	4301332757	14865	Indian	OW	P	
UTE TRIBAL 3-21-55	21	050S	050W	4301332758	15112	Indian	OW	P	
UTE TRIBAL 16-25-55	25	050S	050W	4301332759	14821	Indian	OW	P	
UTE TRIBAL 1-36-55	36	050S	050W	4301332760	14822	Indian	OW	P	
UTE TRIBAL 7-22-54	22	050S	040W	4301332761	15661	Indian	OW	P	
UTE TRIBAL 2-31-54	31	050S	040W	4301332762	14845	Indian	OW	P	
UTE TRIBAL 2-28-54	28	050S	040W	4301332763	14723	Indian	OW	P	
UTE TRIBAL 10-28-54	28	050S	040W	4301332764	14722	Indian	OW	P	
UTE TRIBAL 12-28-54	28	050S	040W	4301332765	14701	Indian	OW	P	
UTE TRIBAL 8-28-54	28	050S	040W	4301332766	14777	Indian	OW	P	
UTE TRIBAL 4-31-54	31	050S	040W	4301332767	14494	Indian	OW	P	
UTE TRIBAL 15-33-54	33	050S	040W	4301332768	15210	Indian	OW	P	
UTE TRIBAL 12-25-55	25	050S	050W	4301332769	14799	Indian	OW	P	
UTE TRIBAL 16-24-54	24	050S	040W	4301332775	14762	Indian	OW	P	
UTE TRIBAL 14-25-54	25	050S	040W	4301332776	14753	Indian	OW	P	
UTE TRIBAL 8-25-54	25	050S	040W	4301332780	15280	Indian	OW	P	
UTE TRIBAL 9-35-54	35	050S	040W	4301332781	15535	Indian	OW	P	
MYRIN TRIBAL 14-19-55	19	050S	050W	4301332782	15184	Indian	OW	P	
UTE TRIBAL 6-30-55	30	050S	050W	4301332783	15163	Indian	OW	P	
MOON TRIBAL 4-23-54	23	050S	040W	4301332800	14985	Indian	OW	P	
MOON TRIBAL 5-27-54	27	050S	040W	4301332802	14984	Indian	OW	P	
UTE TRIBAL 2-32-54	32	050S	040W	4301332803	15151	Indian	OW	P	
UTE TRIBAL 15-35-54	35	050S	040W	4301332804	15185	Indian	OW	P	
UTE TRIBAL 5-35-54	35	050S	040W	4301332805	15485	Indian	OW	P	
UTE TRIBAL 13-35-54	35	050S	040W	4301332806	15292	Indian	OW	P	
UTE TRIBAL 11-35-54	35	050S	040W	4301332807	15317	Indian	OW	P	
UTE TRIBAL 8-19-54	19	050S	040W	4301332840	14946	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 13-20-55	20	050S	050W	4301332841	15097	Indian	OW	P	
UTE TRIBAL 16-22-54	22	050S	040W	4301332842	15015	Indian	OW	P	
MOON TRIBAL 6-23-54	23	050S	040W	4301332843	15113	Indian	OW	P	
UTE TRIBAL 11-26-54	26	050S	040W	4301332844	15233	Indian	OW	P	
MOON TRIBAL 11-27-54	27	050S	040W	4301332845	15135	Indian	OW	P	
MOON TRIBAL 15-27-54	27	050S	040W	4301332846	15115	Indian	OW	P	
UTE TRIBAL 10-31-54	31	050S	040W	4301332847	14956	Indian	OW	P	
ST TRIBAL 6-15-54	15	050S	040W	4301332848	16656	Indian	OW	P	
ST TRIBAL 2-15-54	15	050S	040W	4301332849	16959	Indian	OW	P	
ST TRIBAL 4-15-54	15	050S	040W	4301332850	17478	Indian	OW	P	
ST TRIBAL 8-15-54	15	050S	040W	4301332851	16279	Indian	OW	P	
UTE TRIBAL 11-25-54	25	050S	040W	4301332856	15430	Indian	OW	P	
UTE TRIBAL 3-30-55	30	050S	050W	4301332862	15340	Indian	OW	P	
UTE TRIBAL 7-19-55	19	050S	050W	4301332863	15279	Indian	OW	P	
UTE TRIBAL 8-19-55	19	050S	050W	4301332864	15241	Indian	OW	P	
UTE TRIBAL 6-19-54	19	050S	040W	4301332865	14947	Indian	OW	P	
UTE TRIBAL 12-20-54	20	050S	040W	4301332866	14924	Indian	OW	P	
UTE TRIBAL 3-21-54	21	050S	040W	4301332867	15554	Indian	OW	P	
UTE TRIBAL 2-26-54	26	050S	040W	4301332868	15231	Indian	OW	P	
UTE TRIBAL 8-31-54	31	050S	040W	4301332869	14970	Indian	OW	P	
UTE TRIBAL 8-32-54	32	050S	040W	4301332870	15152	Indian	OW	P	
UTE TRIBAL 4-33-54	33	050S	040W	4301332871	15040	Indian	OW	P	
UTE TRIBAL 6-33-54	33	050S	040W	4301332872	15059	Indian	OW	P	
UTE TRIBAL 9-22-54	22	050S	040W	4301332889	15607	Indian	OW	P	
UTE TRIBAL 5-26-54	26	050S	040W	4301332890	15268	Indian	OW	P	
UTE TRIBAL 13-26-54	26	050S	040W	4301332891	15287	Indian	OW	P	
UTE TRIBAL 6-28D-54	28	050S	040W	4301332892	15232	Indian	OW	P	
UTE TRIBAL 2-30D-54	30	050S	040W	4301332894	15298	Indian	OW	P	

UTE TRIBAL 4-32-54	32	050S	040W	4301332896	15555	Indian	OW	P	
UTE TRIBAL 6-32D-54	32	050S	040W	4301332897	15312	Indian	OW	P	
UTE TRIBAL 2-33D-54	33	050S	040W	4301332898	15271	Indian	OW	P	
UTE TRIBAL 12-32-54	32	050S	040W	4301332925	15503	Indian	OW	P	
UTE TRIBAL 16-32D-54	32	050S	040W	4301332926	16971	Indian	OW	P	
MOON TRIBAL 16-23-54	23	050S	040W	4301332927	15219	Indian	OW	P	
UTE TRIBAL 4-25-55	25	050S	050W	4301332928	15421	Indian	OW	P	
UTE TRIBAL 7-36-55	36	050S	050W	4301332929	15341	Indian	OW	P	
MOON TRIBAL 10-2-54	2	050S	040W	4301332931	15429	Indian	OW	P	
UTE TRIBAL 10-24-54	24	050S	040W	4301332932	15364	Indian	OW	P	
MYRIN TRIBAL 16-19-55	19	050S	050W	4301332934	15339	Indian	OW	P	
UTE TRIBAL 2-31-55	31	050S	050W	4301332935	15428	Indian	OW	P	
UTE TRIBAL 10-31-55	31	050S	050W	4301332936	15354	Indian	OW	P	
MOON TRIBAL 1-27-54	27	050S	040W	4301332937	15308	Indian	OW	P	
MOON TRIBAL 5-23-54	23	050S	040W	4301332938	15584	Indian	OW	P	
ST TRIBAL 7-18-54	18	050S	040W	4301332952	15724	Indian	OW	P	
ST TRIBAL 5-18-54	18	050S	040W	4301332953	15781	Indian	OW	P	
UTE TRIBAL 15-15-54	15	050S	040W	4301332971	15310	Indian	OW	P	
UTE TRIBAL 4-19-54	19	050S	040W	4301332972	15382	Indian	OW	P	
UTE TRIBAL 8-20-54	20	050S	040W	4301332973	15245	Indian	OW	P	
UTE TRIBAL 2-20-54	20	050S	040W	4301332974	15269	Indian	OW	P	
UTE TRIBAL 7-15-55	15	050S	050W	4301332976	15311	Indian	OW	P	
UTE TRIBAL 10-15-55	15	050S	050W	4301332977	15380	Indian	OW	P	
UTE TRIBAL 1-15-55	15	050S	050W	4301332978	15299	Indian	OW	P	
UTE TRIBAL 14-15-55	15	050S	050W	4301332979	15369	Indian	OW	P	
UTE TRIBAL 11-15-55	15	050S	050W	4301332980	15342	Indian	OW	P	
UTE TRIBAL 14-18-55	18	050S	050W	4301332984	15671	Indian	OW	P	
UTE TRIBAL 14-24-56	24	050S	060W	4301332988	15740	Indian	OW	P	
UTE TRIBAL 7-24-56	24	050S	060W	4301332989	15782	Indian	OW	P	
UTE TRIBAL 11-25-56	25	050S	060W	4301332990	15627	Indian	OW	P	
UTE TRIBAL 7-25-56	25	050S	060W	4301332991	15617	Indian	OW	P	
UTE TRIBAL 5-25-56	25	050S	060W	4301332992	15648	Indian	OW	P	
UTE TRIBAL 3-25-56	25	050S	060W	4301332993	15561	Indian	OW	P	
UTE TRIBAL 13-15D-54	15	050S	040W	4301333039	15368	Indian	OW	P	
UTE TRIBAL 16-28D-54	28	050S	040W	4301333041	15377	Indian	OW	P	
UTE TRIBAL 14-31D-54	31	050S	040W	4301333042	15419	Indian	OW	P	
UTE TRIBAL 4-22-55	22	050S	050W	4301333044	15381	Indian	OW	P	
UTE TRIBAL 2-23-55	23	050S	050W	4301333045	15416	Indian	OW	P	
UTE TRIBAL 16-23-55	23	050S	050W	4301333046	15211	Indian	OW	P	
UTE TRIBAL 9-35-55	35	050S	050W	4301333047	15378	Indian	OW	P	
UTE TRIBAL 7-35-55	35	050S	050W	4301333048	15367	Indian	OW	P	
UTE TRIBAL 15-36-55	36	050S	050W	4301333049	15379	Indian	OW	P	
UTE TRIBAL 10-12-55	12	050S	050W	4301333055	15618	Indian	OW	P	
UTE TRIBAL 5-13-54	13	050S	040W	4301333075	15873	Indian	OW	P	
UTE TRIBAL 16-29-54	29	050S	040W	4301333076	17074	Indian	OW	P	
UTE TRIBAL 12-18-54	18	050S	040W	4301333077	15575	Indian	OW	P	
UTE TRIBAL 8-33-54	33	050S	040W	4301333089	15398	Indian	OW	P	
UTE TRIBAL 12-33-54	33	050S	040W	4301333090	15417	Indian	OW	P	
UTE TRIBAL 16-33-54	33	050S	040W	4301333091	15397	Indian	OW	P	
UTE TRIBAL 10-33-54	33	050S	040W	4301333092	15418	Indian	OW	P	
UTE TRIBAL 14-33-54	33	050S	040W	4301333093	15399	Indian	OW	P	
UTE TRIBAL 2-14-54	14	050S	040W	4301333111	16832	Indian	OW	P	
UTE TRIBAL 14-14-54	14	050S	040W	4301333112	15440	Indian	OW	P	
UTE TRIBAL 13-21-54	21	050S	040W	4301333113	15471	Indian	OW	P	
UTE TRIBAL 11-21-54	21	050S	040W	4301333115	15470	Indian	OW	P	
UTE TRIBAL 11-22-54	22	050S	040W	4301333116	15662	Indian	OW	P	
UTE TRIBAL 2-21-55	21	050S	050W	4301333117	15582	Indian	OW	P	
UTE TRIBAL 4-28-55	28	050S	050W	4301333118	15506	Indian	OW	P	
UTE TRIBAL 8-29-55	29	050S	050W	4301333119	15507	Indian	OW	P	
UTE TRIBAL 6-29-55	29	050S	050W	4301333120	15504	Indian	OW	P	
TAYLOR FEE 13-22-56	22	050S	060W	4301333121	15525	Fee	OW	P	
WILCOX ELIASON 7-15-56	15	050S	060W	4301333122	15526	Fee	OW	P	
UTE TRIBAL 14-16-54	16	050S	040W	4301333123	15639	Indian	OW	P	
UTE TRIBAL 1-16-54	16	050S	040W	4301333128	15420	Indian	OW	P	
UTE TRIBAL 7-16-54	16	050S	040W	4301333130	15455	Indian	OW	P	
UTE TRIBAL 12-16-54	16	050S	040W	4301333131	15456	Indian	OW	P	

UTE TRIBAL 16-17-54	17	050S	040W	4301333132	15524	Indian	OW	P	
UTE TRIBAL 10-17-54	17	050S	040W	4301333133	15581	Indian	OW	P	
UTE TRIBAL 12-24D-55	24	050S	050W	4301333134	15567	Indian	OW	P	
WILCOX FEE 1-20-56	20	050S	060W	4301333150	15745	Fee	OW	P	
WILCOX FEE 15-16-56	16	050S	060W	4301333151	15527	Fee	OW	P	
NIELSEN FEE 13-11-56	11	050S	060W	4301333152	15600	Fee	OW	P	
UTE TRIBAL 2-29-54	29	050S	040W	4301333153	15919	Indian	OW	P	
UTE TRIBAL 14-29-54	29	050S	040W	4301333154	15831	Indian	OW	P	
UTE TRIBAL 10-29-54	29	050S	040W	4301333155	15847	Indian	OW	P	
UTE TRIBAL 10-24D-55	24	050S	050W	4301333156	15556	Indian	OW	P	
UTE TRIBAL 10-29D-55	29	050S	050W	4301333157	15505	Indian	OW	P	
UTE TRIBAL 6-29-54	29	050S	040W	4301333172	15846	Indian	OW	P	
UTE TRIBAL 12Q-25-55	25	050S	050W	4301333184	15744	Indian	OW	P	
UTE TRIBAL 3G-31-54	31	050S	040W	4301333185	15746	Indian	OW	P	
UTE TRIBAL 1I-36-55	36	050S	050W	4301333186	15865	Indian	OW	P	
UTE TRIBAL 6-23D-55	23	050S	050W	4301333187	15996	Indian	OW	P	
UTE TRIBAL 8-14-54	14	050S	040W	4301333204	15656	Indian	OW	P	
UTE TRIBAL 10-14-54	14	050S	040W	4301333205	15680	Indian	OW	P	
UTE TRIBAL 11-15-54	15	050S	040W	4301333206	15643	Indian	OW	P	
UTE TRIBAL 9-16-54	16	050S	040W	4301333207	15660	Indian	OW	P	
UTE TRIBAL 3-22-54	22	050S	040W	4301333208	15640	Indian	OW	P	
UTE TRIBAL 15-13D-55	13	050S	050W	4301333212	15642	Indian	OW	P	
UTE TRIBAL 6-22D-55	22	050S	050W	4301333213	16831	Indian	OW	P	
UTE TRIBAL 11-36D-55	36	050S	050W	4301333214	15702	Indian	OW	P	
UTE TRIBAL 1-22D-54	22	050S	040W	4301333215	15641	Indian	OW	P	
BERRY TRIBAL 1-23-54	23	050S	040W	4301333216	15931	Indian	OW	P	
BERRY TRIBAL 15-23-54	23	050S	040W	4301333217	15932	Indian	OW	P	
UTE TRIBAL 9-36D-55	36	050S	050W	4301333239	15933	Indian	OW	P	
UTE TRIBAL 12-32-55	32	050S	050W	4301333266	15681	Indian	OW	P	
UTE TRIBAL 16-22D-55	22	050S	050W	4301333267	15703	Indian	OW	P	
UTE TRIBAL 11-13-55	13	050S	050W	4301333268	15692	Indian	OW	P	
UTE TRIBAL 7-14-55	14	050S	050W	4301333269	15693	Indian	OW	P	
UTE TRIBAL 4-14D-54	14	050S	040W	4301333270	15679	Indian	OW	P	
UTE TRIBAL 9S-19-54	19	050S	040W	4301333276	16153	Indian	OW	P	
UTE TRIBAL 14Q-28-54	28	050S	040W	4301333277	15818	Indian	OW	P	
UTE TRIBAL 14-28D-54	28	050S	040W	4301333278	15817	Indian	OW	P	
UTE TRIBAL 1-14D-55	14	050S	050W	4301333279	18408	Indian	OW	P	
UTE TRIBAL 10-18-54	18	050S	040W	4301333300	15747	Indian	OW	P	
UTE TRIBAL 5-21-54	21	050S	040W	4301333324	15748	Indian	OW	P	
UTE TRIBAL 6-31D-54	31	050S	040W	4301333325	16185	Indian	OW	P	
UTE TRIBAL 16-31D-54	31	050S	040W	4301333326	15800	Indian	OW	P	
UTE TRIBAL 16-13D-55	13	050S	050W	4301333327	15891	Indian	OW	P	
UTE TRIBAL 9-13D-55	13	050S	050W	4301333328	15892	Indian	OW	P	
UTE TRIBAL 15-21-55	21	050S	050W	4301333357	15791	Indian	OW	P	
UTE TRIBAL 10-23D-55	23	050S	050W	4301333358	15799	Indian	OW	P	
UTE TRIBAL 9-26D-55	26	050S	050W	4301333359	15853	Indian	OW	P	
UTE TRIBAL 10-26D-55	26	050S	050W	4301333360	15852	Indian	OW	P	
UTE TRIBAL 14-26D-55	26	050S	050W	4301333361	15938	Indian	OW	P	
UTE TRIBAL 15-26D-55	26	050S	050W	4301333362	15869	Indian	OW	P	
UTE TRIBAL 3-32D-55	32	050S	050W	4301333363	15936	Indian	OW	P	
UTE TRIBAL 13-14-54	14	050S	040W	4301333364	15790	Indian	OW	P	
MOON TRIBAL 7-27D-54	27	050S	040W	4301333365	15935	Indian	OW	P	
14-11-56 DLB	11	050S	060W	4301333378	15801	Fee	OW	P	
UTE TRIBAL 4-32-55	32	050S	050W	4301333379	15819	Indian	OW	P	
UTE TRIBAL 13H-16-55	16	050S	050W	4301333380	18357	Indian	OW	P	
BERRY TRIBAL 7-23-54	23	050S	040W	4301333381	15934	Indian	OW	P	
BERRY TRIBAL 9-34-54	34	050S	040W	4301333382	16024	Indian	OW	P	
BERRY TRIBAL 7-34-54	34	050S	040W	4301333383	16102	Indian	OW	P	
BERRY TRIBAL 4-34-54	34	050S	040W	4301333384	16588	Indian	OW	P	
FEDERAL 2-2-65	2	060S	050W	4301333385	16150	Federal	OW	P	
FEDERAL 10-3-65	3	060S	050W	4301333386	16297	Federal	OW	P	
FEDERAL 5-4-65	4	060S	050W	4301333387	17599	Federal	OW	P	
UTE TRIBAL 1A-29-54	29	050S	040W	4301333393	17075	Indian	OW	P	
BERRY TRIBAL 15-34-54	34	050S	040W	4301333411	16037	Indian	OW	P	
BERRY TRIBAL 8-23D-54	23	050S	040W	4301333417	16101	Indian	OW	P	
UTE TRIBAL 12-29D-55	29	050S	050W	4301333418	17307	Indian	OW	P	

UTE TRIBAL 8-24-55	24	050S	050W	4301333420	15997	Indian	OW	P	
UTE TRIBAL 5-25D-55	25	050S	050W	4301333421	16589	Indian	OW	P	
BERRY TRIBAL 10-34D-54	34	050S	040W	4301333422	16038	Indian	OW	P	
1-15-56 DLB	15	050S	060W	4301333447	15854	Fee	OW	P	
FEDERAL 5-3-64	3	060S	040W	4301333448	16098	Federal	OW	P	
FEDERAL 8-1-64	1	060S	040W	4301333449	16152	Federal	OW	P	
FEDERAL 5-4-64	4	060S	040W	4301333450	17851	Federal	OW	P	
FEDERAL 11-10-65	10	060S	050W	4301333451	16281	Federal	OW	P	
BERRY TRIBAL 16-34D-54	34	050S	040W	4301333464	16280	Indian	OW	P	
BERRY TRIBAL 9-23-54	23	050S	040W	4301333465	16590	Indian	OW	P	
UTE TRIBAL 6-26D-55	26	050S	050W	4301333476	16657	Indian	OW	P	
UTE TRIBAL 7-26D-55	26	050S	050W	4301333477	16658	Indian	OW	P	
UTE TRIBAL 11-26D-55	26	050S	050W	4301333478	16659	Indian	OW	P	
UTE TRIBAL 14Q-30-54	30	050S	040W	4301333479	16151	Indian	OW	P	
FEDERAL 5-6-65	6	060S	050W	4301333489	17852	Federal	OW	P	
FEDERAL 16-5-65	5	060S	050W	4301333490	16833	Federal	OW	P	
FEDERAL 6-11-65	11	060S	050W	4301333491	16335	Federal	OW	P	
LC TRIBAL 14-2-56	2	050S	060W	4301333492	18358	Indian	OW	P	
UTE TRIBAL 1-31-55	31	050S	050W	4301333501	17104	Indian	OW	P	
UTE TRIBAL 9-31-55	31	050S	050W	4301333508	17103	Indian	OW	P	
BERRY TRIBAL 11-34D-54	34	050S	040W	4301333529	16099	Indian	OW	P	
LC TRIBAL 2-16D-56	16	050S	060W	4301333538	17305	Indian	OW	P	
LC TRIBAL 4-16-56	16	050S	060W	4301333539	16272	Indian	OW	P	
LC TRIBAL 3-17-56	17	050S	060W	4301333541	16459	Indian	OW	P	
FEDERAL 10-2-65	2	060S	050W	4301333542	16181	Federal	OW	P	
UTE TRIBAL 4-20D-55	20	050S	050W	4301333549	18075	Indian	OW	P	
UTE TRIBAL 8-23D-55	23	050S	050W	4301333552	16662	Indian	OW	P	
LC TRIBAL 8-28-46	28	040S	060W	4301333576	16155	Indian	OW	P	
LC TRIBAL 7-3-56	3	050S	060W	4301333577	16379	Indian	OW	P	
LC TRIBAL 3-5-56	5	050S	060W	4301333580	17082	Indian	OW	P	
FEDERAL 8-2D-64	2	060S	040W	4301333581	16100	Federal	OW	P	
LC TRIBAL 13H-3-56	3	050S	060W	4301333591	18129	Indian	OW	P	
LC FEE 6-12-57	12	050S	070W	4301333593	17083	Fee	OW	P	
UTE TRIBAL 4-26D-54	26	050S	040W	4301333595	16591	Indian	OW	P	
LC TRIBAL 8-4-56	4	050S	060W	4301333605	17046	Indian	OW	P	
LC TRIBAL 12H-6-56	6	050S	060W	4301333606	18037	Indian	OW	P	
LC TRIBAL 7-7D-56	7	050S	060W	4301333607	18038	Indian	OW	P	
LC TRIBAL 1-9-56	9	050S	060W	4301333608	16380	Indian	OW	P	
UTE TRIBAL 5-14-54	14	050S	040W	4301333619	16945	Indian	OW	P	
UTE TRIBAL 10-26D-54	26	050S	040W	4301333620	16663	Indian	OW	P	
UTE TRIBAL 7-26D-54	26	050S	040W	4301333621	16664	Indian	OW	P	
UTE TRIBAL 13-36D-55	36	050S	050W	4301333624	17744	Indian	OW	P	
UTE TRIBAL 6-26D-54	26	050S	040W	4301333625	16619	Indian	OW	P	
UTE TRIBAL 1-22D-55	22	050S	050W	4301333626	16777	Indian	OW	P	
UTE TRIBAL 4-23D-55	23	050S	050W	4301333627	16818	Indian	OW	P	
UTE TRIBAL 2-27D-55	27	050S	050W	4301333628	16746	Indian	OW	P	
UTE TRIBAL 12-28D-55	28	050S	050W	4301333645	17999	Indian	OW	P	
UTE TRIBAL 13-28D-55	28	050S	050W	4301333646	18000	Indian	OW	P	
UTE TRIBAL 14-26D-54	26	050S	040W	4301333673	16299	Indian	OW	P	
UTE FEE 7-13D-55	13	050S	050W	4301333674	18089	Fee	OW	P	
UTE TRIBAL 9-20D-55	20	050S	050W	4301333675	17309	Indian	OW	P	
LC TRIBAL 11-17-56	17	050S	060W	4301333677	17600	Indian	OW	P	
UTE TRIBAL 1-26D-54	26	050S	040W	4301333680	16638	Indian	OW	P	
UTE TRIBAL 3-26D-54	26	050S	040W	4301333681	16665	Indian	OW	P	
UTE TRIBAL 8-26D-54	26	050S	040W	4301333682	17031	Indian	OW	P	
UTE TRIBAL 10-27D-55	27	050S	050W	4301333683	16666	Indian	OW	P	
UTE TRIBAL 14-27D-55	27	050S	050W	4301333684	16667	Indian	OW	P	
UTE TRIBAL 12-21D-55	21	050S	050W	4301333694	16296	Indian	OW	P	
UTE TRIBAL 5-21D-55	21	050S	050W	4301333706	16298	Indian	OW	P	
UTE TRIBAL 2-29D-55	29	050S	050W	4301333714	16854	Indian	OW	P	
UTE TRIBAL 7-29D-55	29	050S	050W	4301333715	16853	Indian	OW	P	
UTE TRIBAL 13-22D-55	22	050S	050W	4301333716	16668	Indian	OW	P	
UTE TRIBAL 14-22D-55	22	050S	050W	4301333717	16669	Indian	OW	P	
UTE FEE 2-13-55	13	050S	050W	4301333720	18659	Indian	OW	P	
UTE TRIBAL 7-22D-55	22	050S	050W	4301333721	16670	Indian	OW	P	
UTE TRIBAL 10-22D-55	22	050S	050W	4301333722	16671	Indian	OW	P	

UTE TRIBAL 3-29-55	29	050S	050W	4301333723	16857	Indian	OW	P	
BERRY TRIBAL 10-23D-54	23	050S	040W	4301333724	16592	Indian	OW	P	
BERRY TRIBAL 11-23D-54	23	050S	040W	4301333725	16672	Indian	OW	P	
UTE TRIBAL 4-24D-55	24	050S	050W	4301333726	16673	Indian	OW	P	
FEDERAL 6-6D-64	6	060S	040W	4301333745	17084	Federal	OW	P	
UTE TRIBAL 15-26D-54	26	050S	040W	4301333768	17450	Indian	OW	P	
UTE TRIBAL 1-14D-54	14	050S	040W	4301333769	17483	Indian	OW	P	
UTE TRIBAL 12-35D-55	35	050S	050W	4301333782	16856	Indian	OW	P	
UTE TRIBAL 11-35-55	35	050S	050W	4301333783	16855	Indian	OW	P	
UTE TRIBAL 1-28D-55	28	050S	050W	4301333784	16852	Indian	OW	P	
UTE TRIBAL 16-27D-55	27	050S	050W	4301333786	17800	Indian	OW	P	
UTE TRIBAL 9-28D-55	28	050S	050W	4301333787	16887	Indian	OW	P	
UTE TRIBAL 7-28D-55	28	050S	050W	4301333788	16886	Indian	OW	P	
UTE TRIBAL 11-32D-54	32	050S	040W	4301333793	17003	Indian	OW	P	
UTE TRIBAL 9-14D-54	14	050S	040W	4301333796	17482	Indian	OW	P	
UTE TRIBAL 4-27D-55	27	050S	050W	4301333797	16700	Indian	OW	P	
FOY TRIBAL 12H-33-55	33	050S	050W	4301333799	18232	Indian	OW	P	
UTE TRIBAL 9-32D-55	32	050S	050W	4301333800	18361	Indian	OW	P	
UTE TRIBAL 12-26D-54	26	050S	040W	4301333801	16639	Indian	OW	P	
UTE TRIBAL 8-26D-55	26	050S	050W	4301333859	17859	Indian	OW	P	
BERRY TRIBAL 2-34D-54	34	050S	040W	4301333867	17889	Indian	OW	P	
UTE TRIBAL 3-35D-55	35	050S	050W	4301333888	17421	Indian	OW	P	
UTE TRIBAL 10-32-54	32	050S	040W	4301333902	16819	Indian	OW	P	
UTE TRIBAL 12-31D-54	31	050S	040W	4301333907	17480	Indian	OW	P	
UTE TRIBAL 12-23D-55	23	050S	050W	4301333908	17814	Indian	OW	P	
UTE TRIBAL 14-20D-55	20	050S	050W	4301333909	18559	Indian	OW	P	
UTE TRIBAL 6-20D-55	20	050S	050W	4301333910	18481	Indian	OW	P	
UTE TRIBAL 12-20-55	20	050S	050W	4301333911	18520	Indian	OW	P	
UTE TRIBAL 14-24D-55	24	050S	050W	4301333912	16943	Indian	OW	P	
UTE TRIBAL 14-23D-55	23	050S	050W	4301333915	17457	Indian	OW	P	
ST TRIBAL 1-15D-54	15	050S	040W	4301333916	16889	Indian	OW	P	
ST TRIBAL 7-15D-54	15	050S	040W	4301333950	16972	Indian	OW	P	
ST TRIBAL 9-15D-54	15	050S	040W	4301333951	16973	Indian	OW	P	
UTE TRIBAL 15-35D-55	35	050S	050W	4301333954	17417	Indian	OW	P	
UTE TRIBAL 14-35D-55	35	050S	050W	4301333955	17416	Indian	OW	P	
UTE TRIBAL 16-26D-55	26	050S	050W	4301333965	17418	Indian	OW	P	
FEDERAL 1-2D-65	2	060S	050W	4301333966	16888	Federal	OW	P	
UTE TRIBAL 1-35D-55	35	050S	050W	4301333967	17420	Indian	OW	P	
UTE TRIBAL 10-36D-55	36	050S	050W	4301333968	17743	Indian	OW	P	
UTE TRIBAL 4-26D-55	26	050S	050W	4301333978	17455	Indian	OW	P	
UTE TRIBAL 2-26D-55	26	050S	050W	4301333979	17456	Indian	OW	P	
BERRY TRIBAL 14-23D-54	23	050S	040W	4301333989	17903	Indian	OW	P	
FEDERAL 3-2D-65	2	060S	050W	4301334001	16944	Federal	OW	P	
UTE TRIBAL 13-26D-55	26	050S	050W	4301334002	17481	Indian	OW	P	
FEDERAL 7-1D-65	1	060S	050W	4301334015	17775	Federal	OW	P	
FEDERAL 2-2D-64	2	060S	040W	4301334018	17086	Federal	OW	P	
FEDERAL 7-6D-64	6	060S	040W	4301334020	17085	Federal	OW	P	
UTE TRIBAL 6-35D-55	35	050S	050W	4301334028	17785	Indian	OW	P	
UTE TRIBAL 16-26-54	26	050S	040W	4301334042	17413	Indian	OW	P	
BERRY TRIBAL 13-23-54	23	050S	040W	4301334043	17100	Indian	OW	P	
UTE TRIBAL 11-28-55	28	050S	050W	4301334057	18001	Indian	OW	P	
UTE TRIBAL 8-27D-55	27	050S	050W	4301334058	17842	Indian	OW	P	
ST TRIBAL 3-15D-54	15	050S	040W	4301334059	17477	Indian	OW	P	
ST TRIBAL 5-15D-54	15	050S	040W	4301334060	17479	Indian	OW	P	
FEDERAL 7-11D-65	11	060S	050W	4301334061	17776	Federal	OW	P	
FEDERAL 7-3D-65	3	060S	050W	4301334065	17124	Federal	OW	P	
MOON TRIBAL 16-27D-54	27	050S	040W	4301334109	17414	Indian	OW	P	
UTE TRIBAL 15-22D-54	22	050S	040W	4301334116	17415	Indian	OW	P	
UTE TRIBAL 13-35D-55	35	050S	050W	4301334117	18442	Indian	OW	P	
UTE TRIBAL 12-26D-55	26	050S	050W	4301334118	17786	Indian	OW	P	
LC TRIBAL 13-16D-56	16	050S	060W	4301334282	17601	Indian	OW	P	
FEDERAL 11-6D-64	6	060S	040W	4301334284	17615	Federal	OW	P	
FEDERAL 14-6D-64	6	060S	040W	4301334285	17616	Federal	OW	P	
FEDERAL 2-6D-64	6	060S	040W	4301334286	17663	Federal	OW	P	
FEDERAL 3-5D-64	5	060S	040W	4301334287	17617	Federal	OW	P	
FEDERAL 6-5D-64	5	060S	040W	4301334288	17649	Federal	OW	P	

SFW TRIBAL 10-10D-54	10	050S	040W	4301334295	17564	Indian	OW	P	
SFW TRIBAL 9-10D-54	10	050S	040W	4301334296	17565	Indian	OW	P	
STATE TRIBAL 16-10-54	10	050S	040W	4301350245	17553	Indian	OW	P	
UTE TRIBAL 6-14D-55	14	050S	050W	4301350246	17602	Indian	OW	P	
SFW FEE 15-10-54	10	050S	040W	4301350247	17566	Fee	OW	P	
FEDERAL 5-5D-64	5	060S	040W	4301350259	17648	Federal	OW	P	
LC TRIBAL 6-22D-56	22	050S	060W	4301350260	17567	Indian	OW	P	
FEDERAL 12-6D-64	6	060S	040W	4301350261	17618	Federal	OW	P	
LC TRIBAL 4-27D-56	27	050S	060W	4301350262	17568	Indian	OW	P	
FEDERAL 4-5D-64	5	060S	040W	4301350263	17661	Federal	OW	P	
FEDERAL 1-6-64	6	060S	040W	4301350266	17662	Federal	OW	P	
FEDERAL 4-6D-64	6	060S	040W	4301350267	17651	Federal	OW	P	
FEDERAL 3-6D-64	6	060S	040W	4301350268	17650	Federal	OW	P	
FEDERAL 5-6D-64	6	060S	040W	4301350269	17652	Federal	OW	P	
FEDERAL 8-6D-64	6	060S	040W	4301350325	17664	Federal	OW	P	
FEDERAL 10-1D-65	1	060S	050W	4301350326	18027	Federal	OW	P	
FEDERAL 11-1D-65	1	060S	050W	4301350327	18039	Federal	OW	P	
FEDERAL 12-1D-65	1	060S	050W	4301350328	18040	Federal	OW	P	
FEDERAL 13-1D-65	1	060S	050W	4301350329	18042	Federal	OW	P	
FEDERAL 14-1D-65	1	060S	050W	4301350330	18041	Federal	OW	P	
FEDERAL 13-5D-64	5	060S	040W	4301350337	17714	Federal	OW	P	
FEDERAL 14-5D-64	5	060S	040W	4301350338	17715	Federal	OW	P	
FEDERAL 9-1D-65	1	060S	050W	4301350342	18026	Federal	OW	P	
FEDERAL 13-6D-64	6	060S	040W	4301350347	17619	Federal	OW	P	
FEDERAL 11-5D-64	5	060S	040W	4301350348	17690	Federal	OW	P	
FEDERAL 12-5D-64	5	060S	040W	4301350349	17713	Federal	OW	P	
FEDERAL 8-1D-65	1	060S	050W	4301350350	18025	Federal	OW	P	
UTE TRIBAL 3-14D-54	14	050S	040W	4301350389	17904	Indian	OW	P	
UTE TRIBAL 1-34D-55	34	050S	050W	4301350408	17931	Indian	OW	P	
UTE TRIBAL 7-14-54	14	050S	040W	4301350409	17924	Indian	OW	P	
UTE TRIBAL 8-21D-55	21	050S	050W	4301350435	17963	Indian	OW	P	
UTE TRIBAL 8-34D-55	34	050S	050W	4301350436	17952	Indian	OW	P	
UTE TRIBAL 5-16D-54	16	050S	040W	4301350475	17991	Indian	OW	P	
UTE TRIBAL 12-14D-55	14	050S	050W	4301350476	17973	Indian	OW	P	
UTE TRIBAL 8-15D-55	15	050S	050W	4301350477	17974	Indian	OW	P	
UTE TRIBAL 3-14-55	14	050S	050W	4301350478	18002	Indian	OW	P	
UTE TRIBAL 5-14-55	14	050S	050W	4301350479	18021	Indian	OW	P	
UTE TRIBAL 8-10D-54	10	050S	040W	4301350488	18099	Indian	OW	P	
UTE TRIBAL 7-34-55	34	050S	050W	4301350510	17949	Indian	OW	P	
FEDERAL 4-4D-65	4	060S	050W	4301350521	18557	Federal	OW	P	
FEDERAL 6-3D-64	3	060S	040W	4301350522	18073	Federal	OW	P	
FEDERAL 1-1D-64	1	060S	040W	4301350524	18088	Federal	OW	P	
FEDERAL 7-2D-65	2	060S	050W	4301350525	18100	Federal	OW	P	
BERRY TRIBAL 12-34D-54	34	050S	040W	4301350527	17998	Indian	OW	P	
FEDERAL 15-5D-65	5	060S	050W	4301350553	18537	Federal	OW	P	
FEDERAL 11-4D-64	4	060S	040W	4301350565	18043	Federal	OW	P	
FEDERAL 6-6D-65	6	060S	050W	4301350566	18521	Federal	OW	P	
LC TRIBAL 3-15D-56	15	050S	060W	4301350598	18097	Indian	OW	P	
LC TRIBAL 8-16D-56	16	050S	060W	4301350599	18161	Indian	OW	P	
LC FEE 16-16D-56	16	050S	060W	4301350601	18165	Fee	OW	P	
LC TRIBAL 10-16D-56	16	050S	060W	4301350602	18586	Indian	OW	P	
LC TRIBAL 15-22D-56	22	050S	060W	4301350606	18278	Indian	OW	P	
LC TRIBAL 5-23D-56	23	050S	060W	4301350625	18285	Indian	OW	P	
LC TRIBAL 5-14D-56	14	050S	060W	4301350661	18219	Indian	OW	P	
SFW FEE 14-10D-54	10	050S	040W	4301350686	18070	Fee	OW	P	
LC FEE 1-22D-56	22	050S	060W	4301350718	18101	Fee	OW	P	
FEDERAL 8-2D-65	2	060S	050W	4301350719	18614	Federal	OW	P	
FEDERAL 1-2D-64	2	060S	040W	4301350730	18585	Federal	OW	P	
FEDERAL 7-2D-64	2	060S	040W	4301350734	18584	Federal	OW	P	
FEDERAL 10-6D-64	6	060S	040W	4301350735	18162	Federal	OW	P	
FEDERAL 4-3D-64	3	060S	040W	4301350736	18621	Federal	OW	P	
FEDERAL 12-3D-64	3	060S	040W	4301350737	18620	Federal	OW	P	
LC TRIBAL 3-21D-56	21	050S	060W	4301350751	18462	Indian	OW	P	
LC TRIBAL 5-21D-56	21	050S	060W	4301350752	18286	Indian	OW	P	
FEDERAL 2-1D-65	1	060S	050W	4301350759	18172	Federal	OW	P	
FEDERAL 3-1D-65	1	060S	050W	4301350760	18173	Federal	OW	P	

FEDERAL 5-1D-65	1	060S	050W	4301350761	18174	Federal	OW	P	
FEDERAL 9-2D-65	2	060S	050W	4301350762	18245	Federal	OW	P	
FEDERAL 11-2D-65	2	060S	050W	4301350763	18589	Federal	OW	P	
FEDERAL 15-2D-65	2	060S	050W	4301350764	18590	Federal	OW	P	
LC TRIBAL 14-14D-56	14	050S	060W	4301350776	18287	Indian	OW	P	
LC FEE 2-20D-56	20	050S	060W	4301350777	18622	Fee	OW	P	
LC TRIBAL 12-22D-56	22	050S	060W	4301350780	18341	Indian	OW	P	
FEDERAL 3-4D-65	4	060S	050W	4301350782	18556	Federal	OW	P	
FEDERAL 6-4D-65	4	060S	050W	4301350783	19162	Federal	OW	P	
FEDERAL 12-4D-65	4	060S	050W	4301350784	19171	Federal	OW	P	
LC TRIBAL 14-15D-56	15	050S	060W	4301350834	18362	Indian	OW	P	
UTE TRIBAL 7I-21D-54	21	050S	040W	4301350852	18423	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 8L-21D-54	21	050S	040W	4301350853	18423	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 10S-21D-54	21	050S	040W	4301350854	18423	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 11-11-54	11	050S	040W	4301350861	18775	Indian	OW	P	
LC TRIBAL 2-28D-56	28	050S	060W	4301350866	18592	Indian	OW	P	
LC FEE 8-28D-56	28	050S	060W	4301350867	18342	Fee	OW	P	
LC TRIBAL 6-27D-56	27	050S	060W	4301350868	18480	Indian	OW	P	
LC FEE 15-23D-56	23	050S	060W	4301350870	18410	Fee	OW	P	
LC TRIBAL 15-26-56	26	050S	060W	4301350871	18377	Indian	OW	P	
UTE TRIBAL 16-11-55	11	050S	050W	4301350888	18707	Indian	OW	P	
LC TRIBAL 2-5D-56	5	050S	060W	4301350925	18568	Indian	OW	P	
LC TRIBAL 2-9D-56	9	050S	060W	4301350926	18425	Indian	OW	P	
LC FEE 8-29-45	29	040S	050W	4301350928	18313	Fee	OW	P	
LC FEE 13-29-45	29	040S	050W	4301350929	18426	Fee	OW	P	
LC FEE 9-12D-57	12	050S	070W	4301350963	18541	Fee	OW	P	
LC FEE 1-22-57	22	050S	070W	4301350965	18558	Fee	OW	P	
LC TRIBAL 11-3D-56	3	050S	060W	4301350966	18464	Indian	OW	P	
LC TRIBAL 3-34-45	34	040S	050W	4301350976	18661	Indian	OW	P	
LC TRIBAL 9-10D-56	10	050S	060W	4301350987	18944	Indian	OW	P	
LC TRIBAL 10-9D-56	9	050S	060W	4301350990	18864	Indian	OW	P	
LC FEE 10-31D-45	31	040S	050W	4301350994	18443	Fee	OW	P	
VIEIRA TRIBAL 4-4-54	4	050S	040W	4301350997	18747	Indian	OW	P	
LC TRIBAL 10-21-56	21	050S	060W	4301350999	18439	Indian	OW	P	
FEDERAL 1-5D-64	5	060S	040W	4301351012	18720	Federal	OW	P	
FEDERAL 2-5D-64	5	060S	040W	4301351013	18723	Federal	OW	P	
FEDERAL 7-5D-64	5	060S	040W	4301351014	18722	Federal	OW	P	
FEDERAL 8-5D-64	5	060S	040W	4301351015	18721	Federal	OW	P	
MYRIN TRIBAL 15-10-55	10	050S	050W	4301351024	18771	Indian	OW	P	
LC TRIBAL 15-15D-56	15	050S	060W	4301351030	18440	Indian	OW	P	
LC TRIBAL 9-15D-56	15	050S	060W	4301351031	18441	Indian	OW	P	
LC TRIBAL 6-28-45	28	040S	050W	4301351034	18700	Indian	OW	P	
FEDERAL 1-12D-65	12	060S	050W	4301351055	18739	Federal	OW	P	
FEDERAL 8-12D-65	12	060S	050W	4301351056	18718	Federal	OW	P	
FEDERAL 2-12D-65	12	060S	050W	4301351057	18738	Federal	OW	P	
LC TRIBAL 15-8D-56	8	050S	060W	4301351060	18862	Indian	OW	P	
LC TRIBAL 8-22D-56	22	050S	060W	4301351069	19233	Indian	OW	P	
LC TRIBAL 9-17D-56	17	050S	060W	4301351070	18945	Indian	OW	P	
LC TRIBAL 7-27-45	27	040S	050W	4301351073	18685	Indian	OW	P	
LC TRIBAL 11-24-45	24	040S	050W	4301351076	18745	Indian	OW	P	
FEDERAL 3-12D-65	12	060S	050W	4301351093	18705	Federal	OW	P	
FEDERAL 4-12D-65	12	060S	050W	4301351094	18704	Federal	OW	P	
FEDERAL 5-12D-65	12	060S	050W	4301351095	18702	Federal	OW	P	
FEDERAL 6-12D-65	12	060S	050W	4301351096	18703	Federal	OW	P	
LC TRIBAL 9-8D-56	8	050S	060W	4301351112	18522	Indian	OW	P	
UTE TRIBAL 4-9-54	9	050S	040W	4301351126	19059	Indian	OW	P	
UTE TRIBAL 6-9-54	9	050S	040W	4301351127	19017	Indian	OW	P	
UTE TRIBAL 2-9-54	9	050S	040W	4301351128	18946	Indian	OW	P	
UTE TRIBAL 1-10-54	10	050S	040W	4301351129	18879	Indian	OW	P	
LC TRIBAL 8-30D-56	30	050S	060W	4301351131	18539	Indian	OW	P	
LC TRIBAL 16-30D-56	30	050S	060W	4301351132	18540	Indian	OW	P	
FEDERAL 1-1D-65	1	060S	050W	4301351142	18623	Federal	OW	P	
UTE TRIBAL 8-9-54	9	050S	040W	4301351143	18947	Indian	OW	P	
FEDERAL 15-1D-65	1	060S	050W	4301351175	18654	Federal	OW	P	
FEDERAL 16-1D-65	1	060S	050W	4301351176	18655	Federal	OW	P	
LC TRIBAL 11-29D-56	29	050S	060W	4301351183	18873	Indian	OW	P	

STATE TRIBAL 8-12-55	12	050S	050W	4301351188	18986	Indian	OW	P	
LC TRIBAL 11-20D-56	20	050S	060W	4301351189	18819	Indian	OW	P	
LC FEE 5-20D-56	20	050S	060W	4301351190	18818	Fee	OW	P	
LC FEE 9-19-56	19	050S	060W	4301351192	18596	Fee	OW	P	
LC TRIBAL 9-9D-56	9	050S	060W	4301351198	18595	Indian	OW	P	
FEDERAL 16-6-64	6	060S	040W	4301351217	18792	Federal	OW	P	
FEDERAL 9-6D-64	6	060S	040W	4301351218	18791	Federal	OW	P	
UTE TRIBAL 5-17-55	17	050S	050W	4301351220	18841	Indian	OW	P	
UTE TRIBAL 16-3-54	3	050S	040W	4301351226	18664	Indian	OW	P	
STATE TRIBAL 15-6-54	6	050S	040W	4301351227	18746	Indian	OW	P	
STATE TRIBAL 8-7-54	7	050S	040W	4301351228	18743	Indian	OW	P	
STATE TRIBAL 12-1-55	1	050S	050W	4301351229	18741	Indian	OW	P	
STATE TRIBAL 11-2-55	2	050S	050W	4301351230	18742	Indian	OW	P	
FEDERAL 1-11-65	11	060S	050W	4301351231	18689	Federal	OW	P	
FEDERAL 8-11D-65	11	060S	050W	4301351232	18688	Federal	OW	P	
FEDERAL 2-11D-65	11	060S	050W	4301351233	18690	Federal	OW	P	
STATE TRIBAL 12-3-55	3	050S	050W	4301351236	18744	Indian	OW	P	
UTE TRIBAL 11-4-55	4	050S	050W	4301351237	18663	Indian	OW	P	
UTE TRIBAL 4-9-55	9	050S	050W	4301351238	18796	Indian	OW	P	
UTE TRIBAL 15-5-55	5	050S	050W	4301351239	18740	Indian	OW	P	
UTE FEE 9-9-54	9	050S	040W	4301351259	18642	Fee	OW	P	
LC TRIBAL 4-29-45	29	040S	050W	4301351260	18719	Indian	OW	P	
UTE FEE 14-9D-54	9	050S	040W	4301351271	18684	Fee	OW	P	
UTE FEE 15-9D-54	9	050S	040W	4301351272	18687	Fee	OW	P	
LC FEE 10-28D-56	28	050S	060W	4301351288	18591	Fee	OW	P	
UTE TRIBAL 8-16D-54	16	050S	040W	4301351295	19003	Indian	OW	P	
FEE TRIBAL 4-5-54	5	050S	040W	4301351303	19187	Indian	OW	P	
LC TRIBAL 1-26-56	26	050S	060W	4301351306	18816	Indian	OW	P	
UTE TRIBAL 6-16D-54	16	050S	040W	4301351307	19060	Indian	OW	P	
LC TRIBAL 7-22D-56	22	050S	060W	4301351308	18795	Indian	OW	P	
LC TRIBAL 9-22D-56	22	050S	060W	4301351309	18794	Indian	OW	P	
LC TRIBAL 9-32D-56	32	050S	060W	4301351316	19228	Indian	OW	P	
LC TRIBAL 7-26D-56	26	050S	060W	4301351319	18817	Indian	OW	P	
LC FEE 8-6D-56	6	050S	060W	4301351342	18657	Fee	OW	P	
LC FEE 10-29D-45	29	040S	050W	4301351343	18850	Fee	OW	P	
LC TRIBAL 1-7D-56	7	050S	060W	4301351344	18774	Indian	OW	P	
LC TRIBAL 9-7D-56	7	050S	060W	4301351346	18773	Indian	OW	P	
LC TRIBAL 11-10D-56	10	050S	060W	4301351369	18840	Indian	OW	P	
LC FEE 1-31D-45	31	040S	050W	4301351371	18686	Fee	OW	P	
LC TRIBAL 14-21D-56	21	050S	060W	4301351384	18877	Indian	OW	P	
LC TRIBAL 4-22D-56	22	050S	060W	4301351385	18878	Indian	OW	P	
LC TRIBAL 8-21D-56	21	050S	060W	4301351392	18874	Indian	OW	P	
UTE TRIBAL 1-17-55	17	050S	050W	4301351393	18848	Indian	OW	P	
LC TRIBAL 4-33D-45	33	040S	050W	4301351401	18853	Indian	OW	P	
LC TRIBAL 16-21D-56	21	050S	060W	4301351407	18875	Indian	OW	P	
UTE TRIBAL 2-10D-54	10	050S	040W	4301351411	19172	Indian	OW	P	
UTE TRIBAL 4-10D-54	10	050S	040W	4301351414	19069	Indian	OW	P	
LC TRIBAL 2-21D-56	16	050S	060W	4301351418	19252	Indian	OW	P	
LC TRIBAL 1-23D-45	23	040S	050W	4301351425	18855	Indian	OW	P	
LC TRIBAL 2-28D-45	28	040S	050W	4301351429	18701	Indian	OW	P	
LC TRIBAL 9-28D-45	28	040S	050W	4301351430	18656	Indian	OW	P	
LC TRIBAL 1-29-56	29	050S	060W	4301351442	18876	Indian	OW	P	
LC FEE 1-1-56	1	050S	060W	4301351458	18829	Fee	OW	P	
LC Tribal 12-32-45	32	040S	050W	4301351465	18772	Indian	OW	P	
UTE TRIBAL 2-5-54	5	050S	040W	4301351520	18880	Indian	OW	P	
LC Tribal 3-32D-45	32	040S	050W	4301351561	18842	Indian	OW	P	
LC TRIBAL 5-15D-56	15	050S	060W	4301351562	19253	Indian	OW	P	
LC FEE 16-36-56	36	050S	060W	4301351611	19096	Fee	OW	P	
LC TRIBAL 15-34-56	34	050S	060W	4301351647	18962	Indian	OW	P	
LC TRIBAL 1-34D-56	34	050S	060W	4301351660	18988	Indian	OW	P	
LC FEE 13-23-56	23	050S	060W	4301351706	18994	Fee	OW	P	
LC FEE 11-23D-56	23	050S	060W	4301351707	18995	Fee	OW	P	
LC TRIBAL 3-33-56	33	050S	060W	4301351711	19242	Indian	OW	P	
LC FEE 11-29D-45	29	040S	050W	4301351743	19188	Fee	OW	P	
LC FEE 4-28D-45	29	040S	050W	4301351745	18849	Fee	OW	P	
CC Fee 7R-28-38	28	030S	080W	4301351852	18863	Fee	OW	P	

FEDERAL 6-7-64	7	060S	040W	4301351915	19117	Federal	OW	P	
FEDERAL 3-7D-64	7	060S	040W	4301351916	19115	Federal	OW	P	
FEDERAL 4-7D-64	7	060S	040W	4301351917	19110	Federal	OW	P	
FEDERAL 5-7D-64	7	060S	040W	4301351918	19111	Federal	OW	P	
FEDERAL 2-7-64	7	060S	040W	4301351919	19139	Federal	OW	P	
FEDERAL 1-7D-64	7	060S	040W	4301351920	19140	Federal	OW	P	
FEDERAL 12-7D-64	7	060S	040W	4301351924	19025	Federal	OW	P	
FEDERAL 11-7D-64	7	060S	040W	4301351925	19039	Federal	OW	P	
FEDERAL 13-7D-64	7	060S	040W	4301351926	19026	Federal	OW	P	
FEDERAL 14-7D-64	7	060S	040W	4301351927	19040	Federal	OW	P	
FEDERAL 7-7D-64	7	060S	040W	4301351933	19141	Federal	OW	P	
FEDERAL 8-7D-64	7	060S	040W	4301351934	19142	Federal	OW	P	
FEDERAL 9-7D-64	7	060S	040W	4301351935	19143	Federal	OW	P	
FEDERAL 10-7D-64	7	060S	040W	4301351936	19144	Federal	OW	P	
ABBOTT FEE 2-6D-54	6	050S	040W	4301351949	18974	Fee	OW	P	
ABBOTT FEE 8-6D-54	6	050S	040W	4301351950	18964	Fee	OW	P	
ABBOTT FEE 4-6-54	6	050S	040W	4301351952	18965	Fee	OW	P	
Federal 15-12D-65	12	060S	050W	4301351992	19051	Federal	OW	P	
Federal 10-12D-65	12	060S	050W	4301351999	19052	Federal	OW	P	
Federal 9-12D-65	12	060S	050W	4301352000	19053	Federal	OW	P	
Federal 16-12D-65	12	060S	050W	4301352003	19054	Federal	OW	P	
Federal 1-6D-65	6	060S	050W	4301352012	19189	Federal	OW	P	
Federal 3-6D-65	6	060S	050W	4301352014	19190	Federal	OW	P	
Federal 2-6-65	6	060S	050W	4301352017	19191	Federal	OW	P	
Federal 7-6D-65	6	060S	050W	4301352018	19192	Federal	OW	P	
Federal 16-11D-65	11	060S	050W	4301352045	19070	Federal	OW	P	
Federal 15-11D-65	11	060S	050W	4301352046	19076	Federal	OW	P	
Federal 10-11D-65	11	060S	050W	4301352047	19077	Federal	OW	P	
Federal 9-11D-65	11	060S	050W	4301352048	19071	Federal	OW	P	
Federal 11-12D-65	12	060S	050W	4301352049	19121	Federal	OW	P	
Federal 12-12D-65	12	060S	050W	4301352050	19122	Federal	OW	P	
Federal 13-12D-65	12	060S	050W	4301352052	19123	Federal	OW	P	
Federal 14-12D-65	12	060S	050W	4301352053	19124	Federal	OW	P	
LC Tribal 12-28D-45	28	040S	050W	4301352089	19378	Indian	OW	P	
LC Tribal 2-32D-45	32	040S	050W	4301352113	19348	Indian	OW	P	
LC Tribal 16-29D-45	32	040S	050W	4301352114	19349	Indian	OW	P	
Vieira Tribal 3-4D-54	4	050S	040W	4301352145	19210	Indian	OW	P	
Vieira Tribal 5-4D-54	4	050S	040W	4301352146	19193	Indian	OW	P	
Vieira Tribal 6-4D-54	4	050S	040W	4301352147	19216	Indian	OW	P	
Lamplugh Tribal 6-3D-54	3	050S	040W	4301352148	19289	Indian	OW	P	
Lamplugh Tribal 5-3D-54	3	050S	040W	4301352149	19290	Indian	GW	P	
Lamplugh Tribal 4-3D-54	3	050S	040W	4301352150	19291	Indian	OW	P	
Lamplugh Tribal 3-3D-54	3	050S	040W	4301352151	19292	Indian	OW	P	
UTE Tribal 6-35D-54	35	050S	040W	4301352158	19254	Indian	GW	P	
UTE Tribal 4-35D-54	35	050S	040W	4301352159	19255	Indian	GW	P	
Heiner Tribal 3-11D-54	11	050S	040W	4301352165	19194	Indian	OW	P	
Heiner Tribal 4-11-54	11	050S	040W	4301352166	19195	Indian	OW	P	
Heiner Tribal 5-11D-54	11	050S	040W	4301352167	19196	Indian	OW	P	
Conolly Tribal 1-11D-54	11	050S	040W	4301352168	19270	Indian	OW	P	
Conolly Tribal 2-11D-54	11	050S	040W	4301352169	19197	Indian	OW	P	
Conolly Tribal 7-11D-54	11	050S	040W	4301352170	19280	Indian	OW	P	
Conolly Tribal 8-11D-54	11	050S	040W	4301352171	19281	Indian	OW	P	
Casper Tribal 1-5D-54	5	050S	040W	4301352180	19198	Indian	OW	P	
Fee Tribal 6-5D-54	5	050S	040W	4301352181	19199	Indian	OW	P	
Fee Tribal 5-5D-54	5	050S	040W	4301352182	19200	Indian	OW	P	
Fee Tribal 3-5D-54	5	050S	040W	4301352184	19201	Indian	OW	P	
Casper Tribal 7-5D-54	5	050S	040W	4301352185	19202	Indian	OW	P	
UTE Tribal 10-35D-54	35	050S	040W	4301352198	19320	Indian	OW	P	
UTE Tribal 14-35D-54	35	050S	040W	4301352199	19311	Indian	GW	P	
UTE Tribal 12-35D-54	35	050S	040W	4301352200	19312	Indian	OW	P	
UTE Tribal 16-35D-54	35	050S	040W	4301352230	19321	Indian	OW	P	
Evans Tribal 1-3-54	3	050S	040W	4301352234	19264	Indian	OW	P	
Evans Tribal 2-3D-54	3	050S	040W	4301352235	19265	Indian	OW	P	
Evans Tribal 7-3D-54	3	050S	040W	4301352236	19256	Indian	OW	P	
Evans Tribal 8-3D-54	3	050S	040W	4301352237	19257	Indian	OW	P	
Ute Tribal 9-3D-54	3	050S	040W	4301352249	19236	Indian	OW	P	

Ute Tribal 15-3D-54	3	050S	040W	4301352250	19237	Indian	OW	P	
Ute Tribal 10-3-54	3	050S	040W	4301352251	19238	Indian	OW	P	
Ute Tribal 14-3D-54	3	050S	040W	4301352298	19258	Indian	OW	P	
Ute Tribal 12-3D-54	3	050S	040W	4301352299	19259	Indian	OW	P	
Ute Tribal 11-3D-54	3	050S	040W	4301352300	19260	Indian	OW	P	
Ute Tribal 16-4D-54	4	050S	040W	4301352302	19350	Indian	OW	P	
Ute Tribal 15-4D-54	4	050S	040W	4301352303	19293	Indian	OW	P	
Ute Tribal 9-4D-54	4	050S	040W	4301352305	19304	Indian	OW	P	
Ute Tribal 10-4D-54	4	050S	040W	4301352307	19294	Indian	OW	P	
UTE Tribal 2-35D-54	35	050S	040W	4301352319	19322	Indian	OW	P	
UTE Tribal 8-35D-54	35	050S	040W	4301352320	19323	Indian	OW	P	
Abbott Fee 5-6D-54	6	050S	040W	4301352326	19351	Fee	OW	P	
Ute Tribal 6-11D-54	11	050S	040W	4301352330	19243	Indian	OW	P	
Ute Tribal 12-11D-54	11	050S	040W	4301352331	19244	Indian	OW	P	
Ute Tribal 14-11D-54	11	050S	040W	4301352332	19245	Indian	OW	P	
Ute Tribal 11-4D-54	4	050S	040W	4301352343	19305	Indian	OW	P	
Ute Tribal 12-4D-54	4	050S	040W	4301352344	19352	Indian	OW	P	
Ute Tribal 13-4D-54	4	050S	040W	4301352345	19353	Indian	OW	P	
Ute Tribal 14-4D-54	4	050S	040W	4301352346	19306	Indian	OW	P	
Ute Tribal 16-5D-54	5	050S	040W	4301352545	99999	Indian	OW	P	
Ute Tribal 15-5D-54	5	050S	040W	4301352546	99999	Indian	OW	P	
Ute Tribal 10-5D-54	5	050S	040W	4301352547	99999	Indian	OW	P	
Ute Tribal 8-5D-54	5	050S	040W	4301352548	99999	Indian	OW	P	
SCOFIELD-THORPE 26-31	26	120S	070E	4300730987	15218	Fee	D	PA	
SCOFIELD-THORPE 26-43	26	120S	070E	4300730990	14922	Fee	D	PA	
SCOFIELD CHRISTIANSEN 8-23	8	120S	070E	4300730999	15172	Fee	D	PA	
CC FEE 7-28-38	28	030S	080W	4301350887	18288	Fee	D	PA	
CC FEE 8-9-37	9	030S	070W	4301350896	18660	Fee	D	PA	
ST LOST CREEK 32-44	32	110S	070E	4304930023	14450	State	D	PA	
SCOFIELD THORPE 22-41X RIG SKID	22	120S	070E	4300730890	13719	Fee	GW	S	
SCOFIELD-THORPE 35-13	35	120S	070E	4300730991	14846	Fee	GW	S	
SCOFIELD-THORPE 23-31	23	120S	070E	4300731001	14923	Fee	GW	S	
NUTTERS RIDGE FED 5-1	5	060S	040W	4301330403	8231	Federal	OW	S	
WIRE FENCE CYN FED 15-1	15	060S	050W	4301330404	8233	Federal	GW	S	
R FORK ANTELOPE CYN FED 25-1	25	060S	050W	4301330406	8234	Federal	OW	S	
WOLF HOLLOW 22-1	22	060S	050W	4301330425	10370	Federal	GW	S	
ANTELOPE RIDGE 24-1	24	060S	050W	4301330426	10371	Federal	OW	S	
B C UTE TRIBAL 8-21	21	050S	040W	4301330829	8414	Indian	OW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 10-21	21	050S	040W	4301331283	11133	Indian	GW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 12-22	22	050S	040W	4301331311	11421	Indian	OW	S	
UTE TRIBAL 15-17	17	050S	040W	4301331649	11956	Indian	OW	S	
UTE TRIBAL 7-30	30	050S	040W	4301332167	12945	Indian	OW	S	
UTE TRIBAL 8-35-55	35	050S	050W	4301332267	13571	Indian	OW	S	
UTE TRIBAL 10-16-55	16	050S	050W	4301332345	13693	Indian	OW	S	
FOY TRIBAL 11-34-55	34	050S	050W	4301332351	13648	Indian	OW	S	
UTE TRIBAL 13-30-54	30	050S	040W	4301332409	13968	Indian	OW	S	
UTE TRIBAL 3-33-54	33	050S	040W	4301332412	13938	Indian	OW	S	
UTE TRIBAL 1-20-55	20	050S	050W	4301332414	14548	Indian	OW	S	
UTE TRIBAL 11-30-54	30	050S	040W	4301332512	13982	Indian	OW	S	
UTE TRIBAL 2-24-54	24	050S	040W	4301332569	14314	Indian	OW	S	
UTE TRIBAL 10-14-55	14	050S	050W	4301332601	14331	Indian	OW	S	
MOON TRIBAL 3-27-54	27	050S	040W	4301332613	14416	Indian	OW	S	
UTE TRIBAL 7-21-54	21	050S	040W	4301332623	14383	Indian	OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 16-24-55	24	050S	050W	4301332672	14384	Indian	GW	S	
UTE TRIBAL 7-35-54	35	050S	040W	4301332774	15019	Indian	OW	S	
UTE TRIBAL 16-25-54	25	050S	040W	4301332779	15078	Indian	OW	S	
MOON TRIBAL 13-27-54	27	050S	040W	4301332801	15057	Indian	OW	S	
UTE TRIBAL 15-15-55	15	050S	050W	4301332855	15114	Indian	OW	S	
UTE TRIBAL 5-36-55	36	050S	050W	4301332930	15301	Indian	OW	S	
UTE TRIBAL 8-24-54	24	050S	040W	4301332933	15402	Indian	OW	S	
UTE TRIBAL 12-15-55	15	050S	050W	4301332981	15348	Indian	OW	S	
UTE TRIBAL 9-21-54	21	050S	040W	4301333040	15360	Indian	OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 15-21-54	21	050S	040W	4301333114	15441	Indian	OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 10-16-54	16	050S	040W	4301333129	15454	Indian	OW	S	
TAYLOR FEE 7-14-56	14	050S	060W	4301333140	15601	Fee	OW	S	
UTE TRIBAL 9S-25-55	25	050S	050W	4301333245	15962	Indian	OW	S	

UTE TRIBAL 9-5-54	5	050S	040W	4301351111	18909	Indian	OW	S	
ABBOTT FEE 6-6-54	6	050S	040W	4301351948	18963	Fee	OW	S	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-H62-5500

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: LC FEE 12H-6-56

2. NAME OF OPERATOR: LINN OPERATING, INC.

9. API NUMBER: 43013336060000

3. ADDRESS OF OPERATOR: Rt. 2 Box 7735 , Roosevelt, UT, 84066

PHONE NUMBER: 435 722-1325 Ext

9. FIELD and POOL or WILDCAT: LAKE CANYON

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2022 FSL 0750 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 06 Township: 05.0S Range: 06.0W Meridian: U

COUNTY: DUCHESNE

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

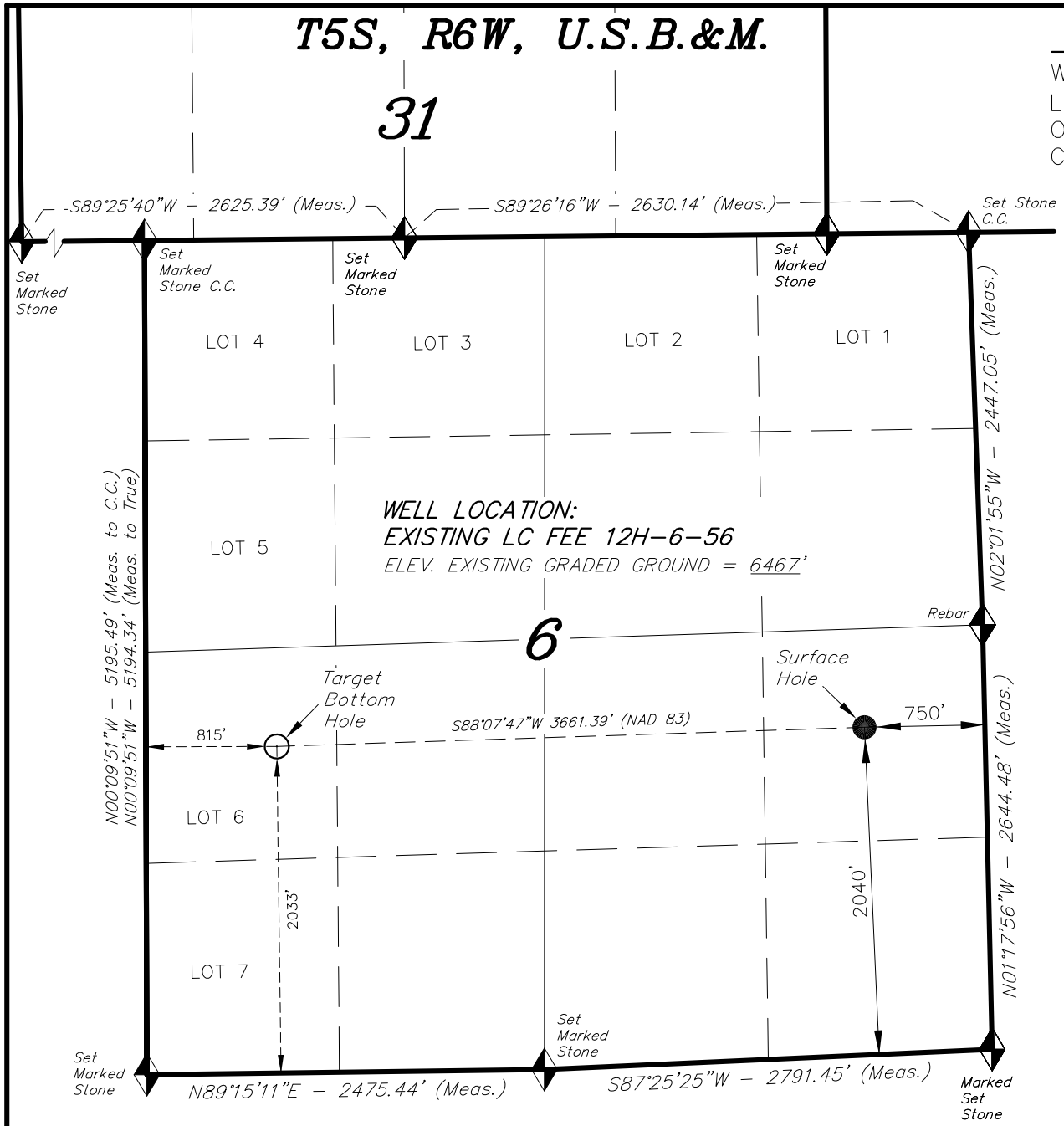
TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 12/12/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	✓ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Linn Operating, Inc. requests to change the name of the LC Tribal 12H-6-56 to the LC FEE 12H-6-56. With the name change, it has been determined that the minerals of this well are FEE. Please see attached plat package.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 12, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Krista Wilson	435 722-1325	Regulatory Permitting Tech
SIGNATURE N/A		**DATE** 12/12/2014



LINN Operating, Inc.

WELL LOCATION, EXISTING LC FEE 12H-6-56, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 6, T5S, R6W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

N

1000' 500' 0' 1000'
BAR SCALE

= SECTION CORNERS LOCATED

NAD 83 (SURFACE LOCATION)	NAD 83 (BOTTOM HOLE LOCATION)
LAT: = 40°04'26.59" (40.074053)	LAT: = 40°04'25.77" (40.073826)
LONG: = 110°35'42.87" (110.595242)	LONG: = 110°36'29.94" (110.608317)
NAD 27 (SURFACE LOCATION)	**NAD 27 (BOTTOM HOLE LOCATION)**
LAT: = 40°04'26.74" (40.074094)	LAT: = 40°04'25.91" (40.073867)
LONG: = 110°35'40.31" (110.594531)	LONG: = 110°36'27.38" (110.607606)

NOTES:
1. WELL FOOTAGES ARE MEASURED AT RIGHT ANGLES TO THE SECTION LINES.

BASIS OF BEARINGS & BASIS OF ELEVATION

BASIS OF BEARINGS; BEARINGS ARE BASED ON GLOBAL POSITIONING SATELLITE OBSERVATIONS.

BASIS OF ELEV; ELEVATIONS ARE BASED ON AN N.G.S. OPUS CORRECTION. LOCATION: LAT. 39°58'55.06", LONG. 110°22'05.00" (TRISTATE ALUMINUM CAP) ELEV. 7307.99'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 08-08-14 STACY W. STEWART STATE OF UTAH

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

SURFACE HOLE AND TARGET BOTTOM HOLE POSITIONS ARE TAKEN FROM THE ARCHER PROPOSED WELL & PLANNING REPORT 06 FEBRUARY, 2012. FOOTAGES ARE COMPUTED TO TRI-STATE'S ACTUAL SURVEYED SECTION LINE INFORMATION.

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:	11-02-11	SURVEYED BY:	S.Y.
DATE DRAWN:	08-08-14	DRAWN BY:	D.COX
REVISED:		SCALE:	1" = 1000'

RECEIVED: Dec. 12, 2014

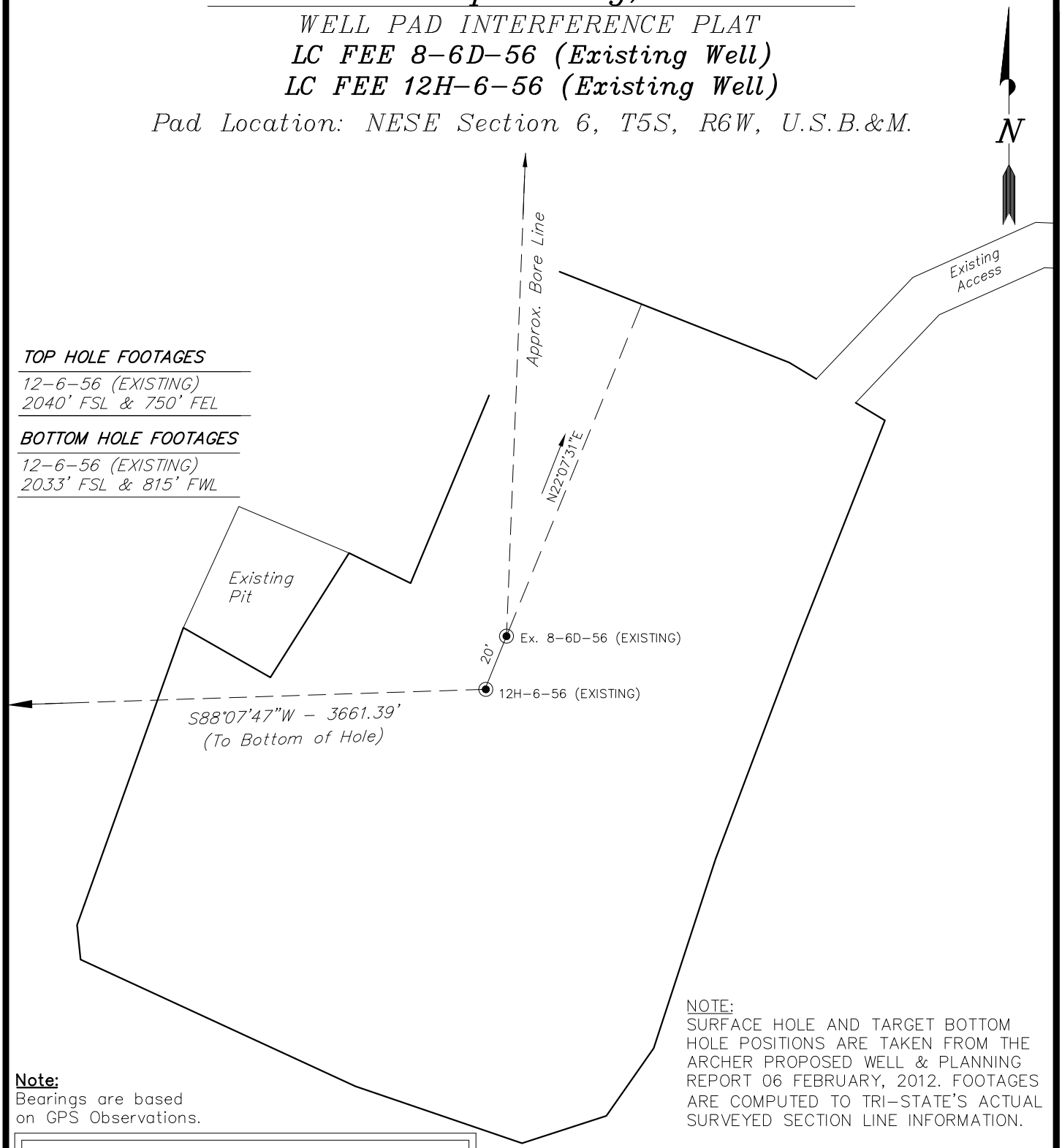
LINN Operating, Inc.

WELL PAD INTERFERENCE PLAT

LC FEE 8-6D-56 (Existing Well)

LC FEE 12H-6-56 (Existing Well)

Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M.



TOP HOLE FOOTAGES

12-6-56 (EXISTING)
2040' FSL & 750' FEL

BOTTOM HOLE FOOTAGES

12-6-56 (EXISTING)
2033' FSL & 815' FWL

NOTE:
SURFACE HOLE AND TARGET BOTTOM HOLE POSITIONS ARE TAKEN FROM THE ARCHER PROPOSED WELL & PLANNING REPORT 06 FEBRUARY, 2012. FOOTAGES ARE COMPUTED TO TRI-STATE'S ACTUAL SURVEYED SECTION LINE INFORMATION.

Note:
Bearings are based on GPS Observations.

LATITUDE & LONGITUDE
Surface position of Wells (NAD 27)

WELL	LATITUDE	LONGITUDE
Ex. 8-6D-56	40.074147°	110.594503°
Ex. 12H-6-56	40.074094°	110.594531°

SURVEYED BY:	S.H.	DATE SURVEYED:	10-04-11
DRAWN BY:	L.C.S.	DATE DRAWN:	10-25-11
SCALE:	1" = 60'	REVISED:	L.C.S. 09-05-14

Tri State Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

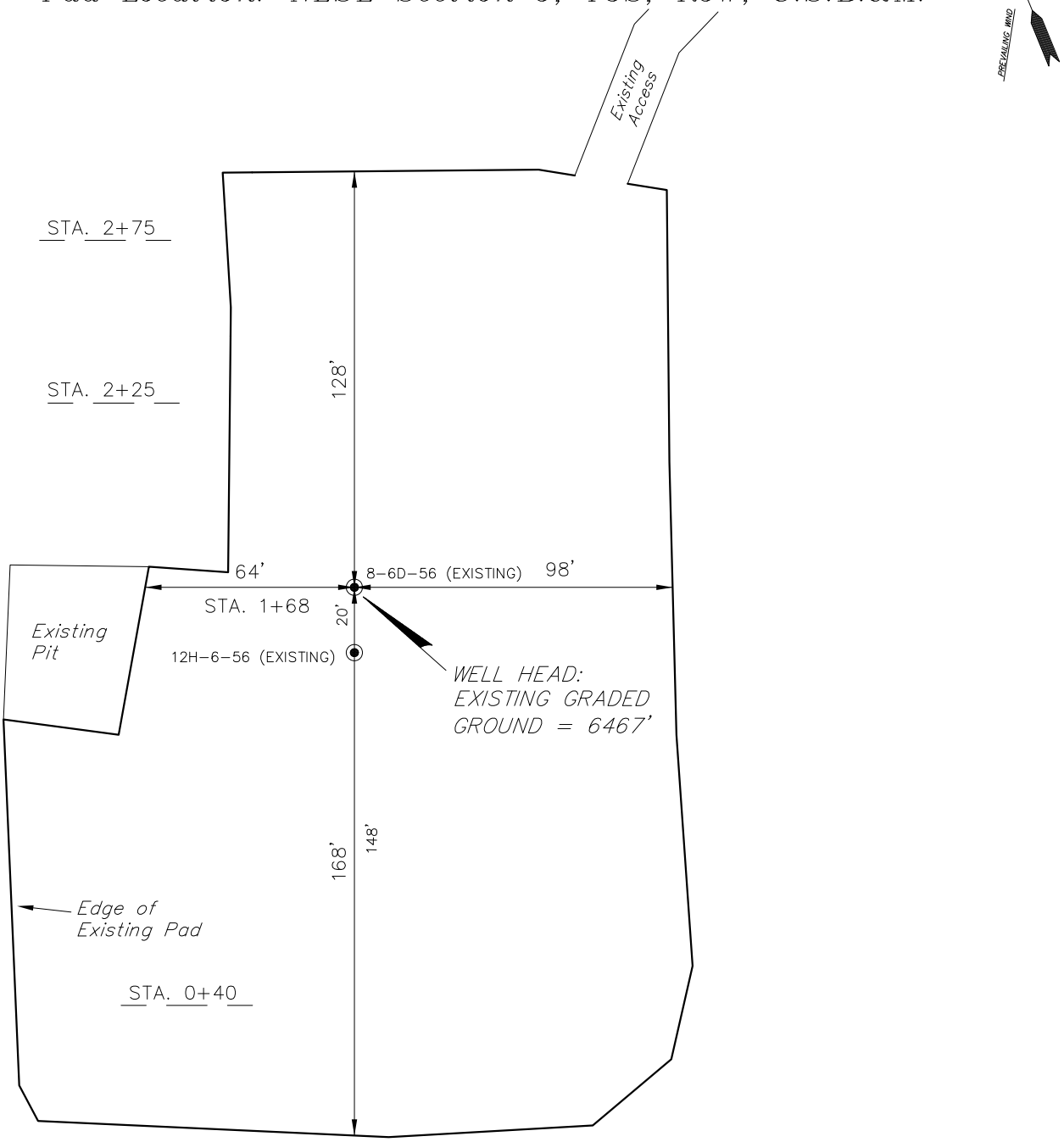
RECEIVED: Dec. 12, 2014

LINN Operating, Inc.

LOCATION LAYOUT

LC FEE 8-6D-56 (Existing Well)
LC FEE 12H-6-56 (Existing Well)

Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M.



SURVEYED BY: S.Y.	DATE SURVEYED:	11-02-11	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	11-07-11	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:	L.C.S. 09-05-14	

RECEIVED: Dec. 12, 2014

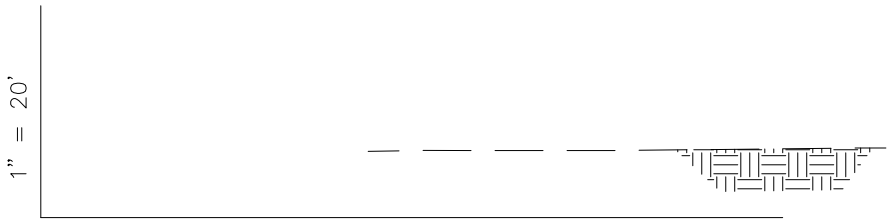
LINN Operating, Inc.

CROSS SECTIONS

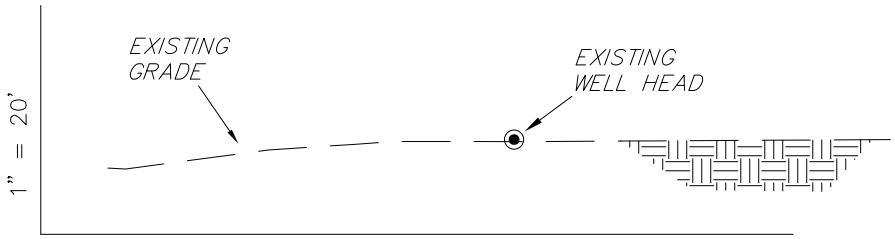
LC FEE 8-6D-56 (Existing Well)
LC FEE 12H-6-56 (Existing Well)

Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M.

STA. 2+75



STA. 2+25



STA. 1+68

STA. 0+40

SURVEYED BY: S.Y.	DATE SURVEYED:	11-02-11	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	11-07-11	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:	L.C.S. 09-05-14	

RECEIVED: Dec. 12, 2014

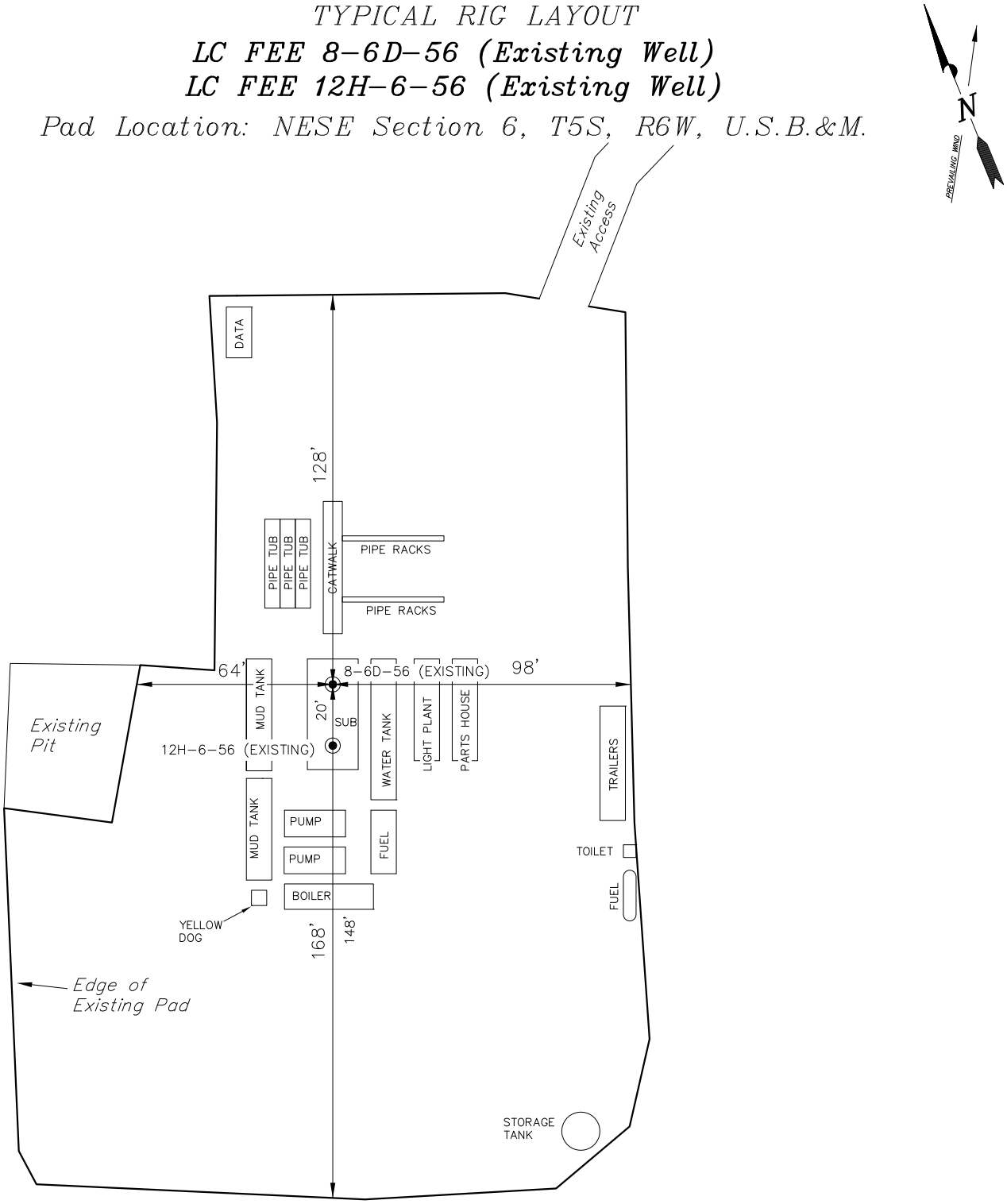
LINN Operating, Inc.

TYPICAL RIG LAYOUT

LC FEE 8-6D-56 (Existing Well)

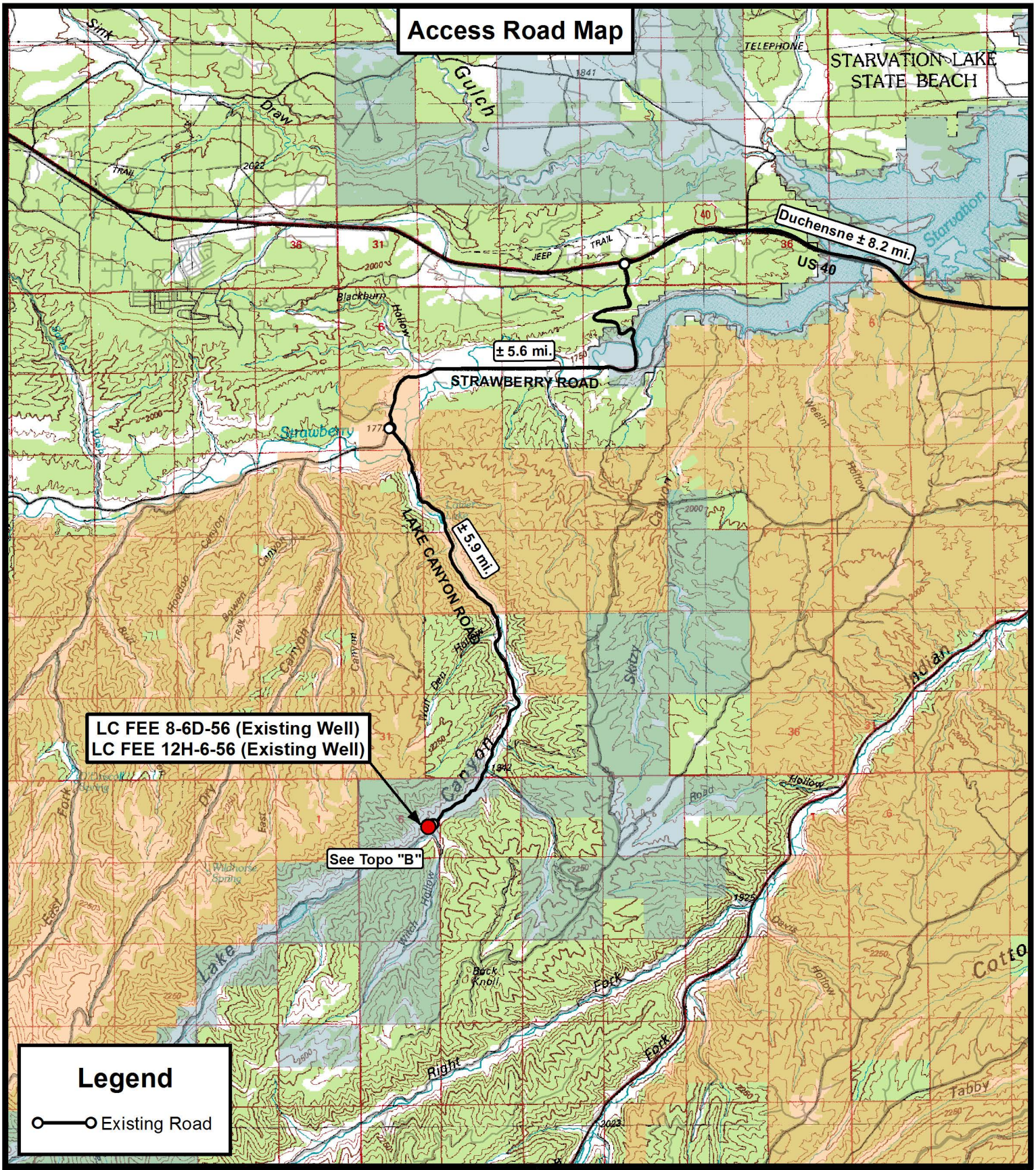
LC FEE 12H-6-56 (Existing Well)

Pad Location: NESE Section 6, T5S, R6W, U.S.B.&M.



SURVEYED BY: S.Y.	DATE SURVEYED:	11-02-11	Tri State Land Surveying, Inc. (435) 781-2501
DRAWN BY: L.C.S.	DATE DRAWN:	11-07-11	180 NORTH VERNAL AVE. VERNAL, UTAH 84078
SCALE: 1" = 50'	REVISED:	L.C.S. 09-05-14	

RECEIVED: Dec. 12, 2014



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

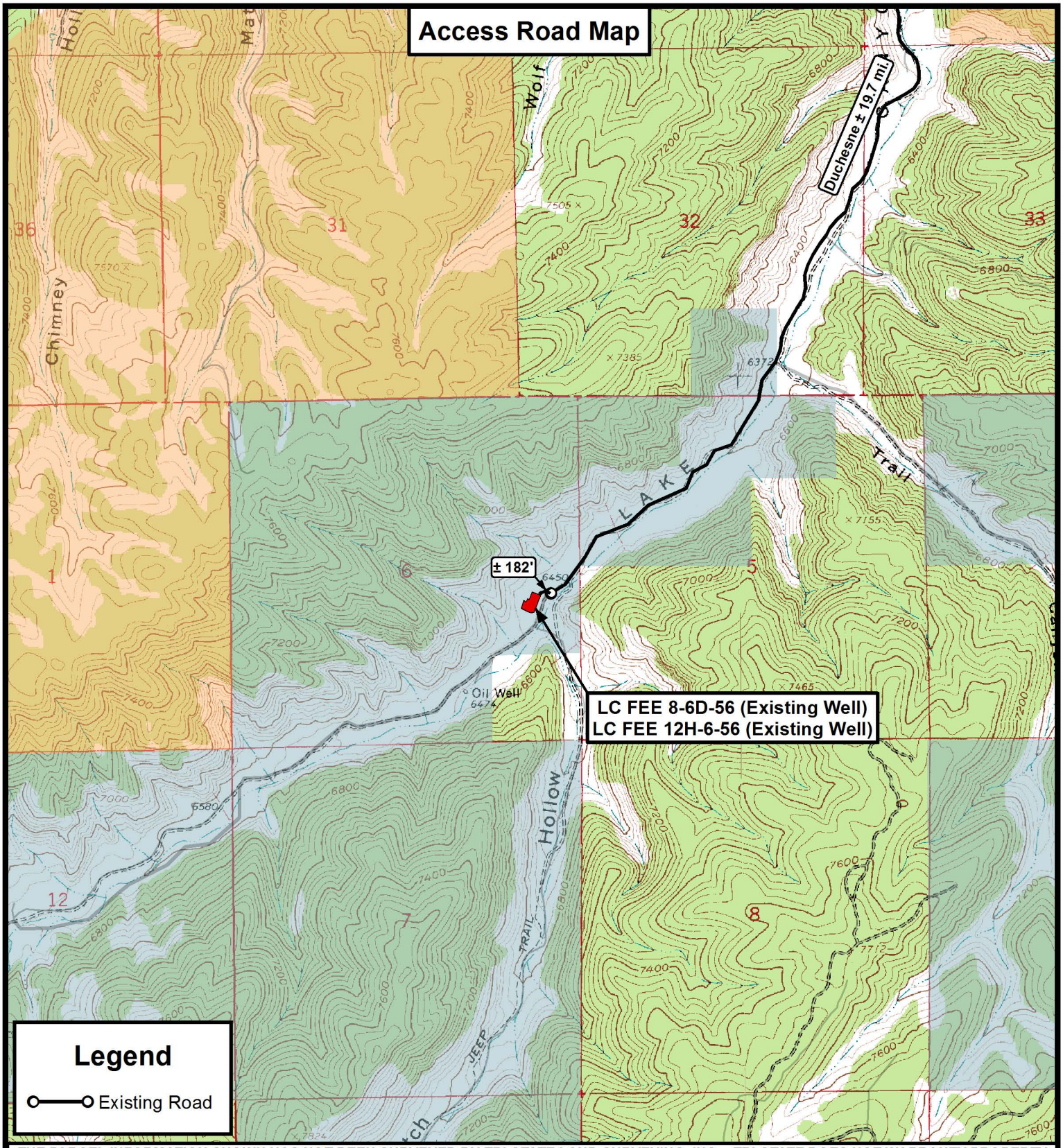
LINN Operating, Inc.
LC FEE 8-6D-56 (Existing Well)
LC FEE 12H-6-56 (Existing Well)
Sec. 6, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	09-15-14
SCALE:	1:100,000

TOPOGRAPHIC MAP

SHEET A

Access Road Map



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Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

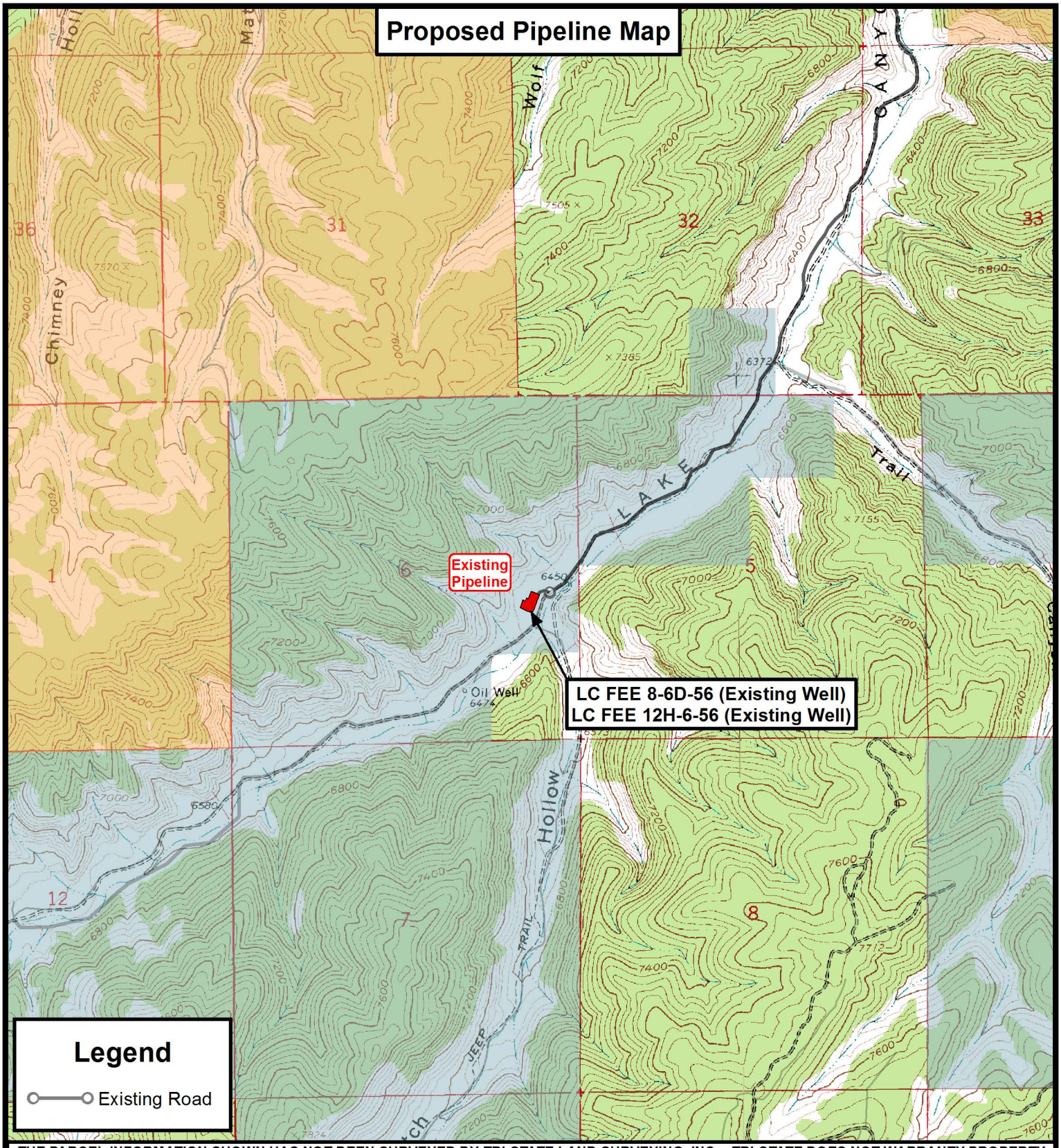
LINN Operating, Inc.
LC FEE 8-6D-56 (Existing Well)
LC FEE 12H-6-56 (Existing Well)
Sec. 6, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	09-15-14
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET B

Proposed Pipeline Map



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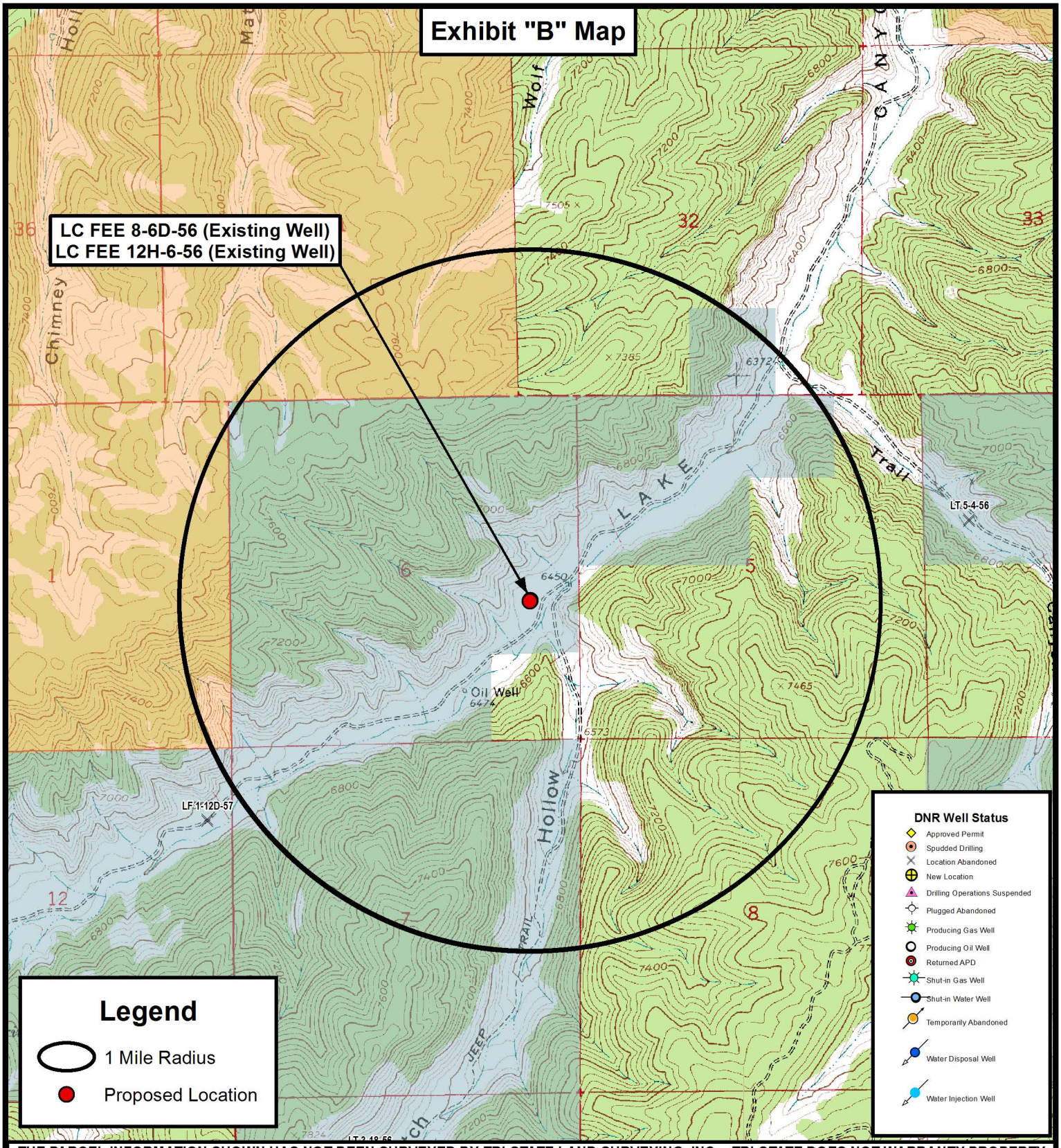
LC FEE 8-6D-56 (Existing Well)
LC FEE 12H-6-56 (Existing Well)
Sec. 6, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	09-15-14
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET C

Exhibit "B" Map



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F: (435) 781-2518

N

LINN Operating, Inc.
LC FEE 8-6D-56 (Existing Well)
LC FEE 12H-6-56 (Existing Well)
Sec. 6, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

DRAWN BY:	J.A.S.
DATE:	09-15-14
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET D

Location Photos

Center Stake
Looking Southerly

Date Photographed:	11/02/2011
Photographed By :	S. Young

Access
Looking Southwesterly

Date Photographed:	11/02/2011
Photographed By :	S. Young

Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	J.A.S.	REVISED:
DATE:	09-15-14	

LINN Operating, Inc.
LC FEE 8-6D-56 (Proposed Well)
LC TRIBAL 12H-6-56 (Existing Well)
SEC. 6, T5S, R6W, U.S.B.&M.
Duchesne County, UT.

COLOR PHOTOGRAPHS

SHEET P

LINN Operating, Inc.

LC FEE 8-6D-56 (Existing Well)

LC FEE 12H-6-56 (Existing Well)

SECTION 6, T5S, R6W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 8.2 MILES TO THE JUNCTION OF THIS ROAD AND THE EXISTING STRAWBERRY ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY THENCE WESTERLY THENCE SOUTHERLY DIRECTION APPROXIMATELY 5.6 MILES TO THE JUNCTION OF THIS ROAD AND LAKE CANYON ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHEASTERLY THENCE SOUTHWESTERLY DIRECTION APPROXIMATELY 5.9 MILES TO THE EXISTING ACCESS ROAD FOR THE LC FEE 8-6D-56 & 12H-6-56 TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHERLYEASTERLY DIRECTION APPROXIMATELY 182’ TO THE EXISTING LOCATION FOR THE LC FEE 8-6D-56 & 12H-6-56.

RECEIVED: Dec. 12, 2014